

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002832.D
 Acq On : 22 Jun 2018 13:48
 Operator : JC/MD
 Sample : VX0622WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:05 PM

Quant Time: Jun 23 00:15:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	46280	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	248365	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	233830	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	107831	30.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.70%
60) 4-Bromofluorobenzene	11.14	95	114582	29.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.90%
63) Toluene-d8	8.72	98	310351	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	47578	21.54	ug/l	99
3) Chloromethane	1.32	50	48032	20.03	ug/l	98
4) Vinyl Chloride	1.40	62	52661	19.71	ug/l	99
5) Bromomethane	1.64	94	23339	14.95	ug/l	98
6) Chloroethane	1.73	64	35244	19.61	ug/l	96
7) Trichlorofluoromethane	1.93	101	91595	19.29	ug/l	100
8) Diethyl Ether	2.19	74	33242	19.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52115	19.17	ug/l	98
10) 1,1-Dichloroethene	2.37	96	45292	18.93	ug/l	98
11) Methyl Iodide	2.51	142	45826	16.63	ug/l	98
12) Methyl Acetate	2.78	43	82639	21.28	ug/l	97
13) Acrolein	2.29	56	20228	73.27	ug/l	99
14) Acrylonitrile	3.15	53	145105	99.36	ug/l	100
15) Acetone	2.45	58	41790	102.96	ug/l	96
16) Carbon Disulfide	2.57	76	113481	18.94	ug/l	99
17) Allyl chloride	2.73	41	91055	19.12	ug/l	94
18) Methylene Chloride	2.86	84	53808	19.65	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	48958	19.08	ug/l	97
20) Diisopropyl ether	3.87	45	176423	19.89	ug/l	93
21) 1,1-Dichloroethane	3.70	63	99350	20.83	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	55633	20.17	ug/l	92
23) tert-Butyl Alcohol	3.07	59	69015	104.09	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	169770	19.00	ug/l	99
25) Chloroform	5.22	83	97893	20.45	ug/l	99
26) Cyclohexane	5.58	56	78393	19.34	ug/l	# 96
29) 1,1-Dichloropropene	5.81	75	69424	20.70	ug/l	99
30) 2-Butanone	4.71	43	208588	108.68	ug/l	98
31) 2,2-Dichloropropane	4.59	77	72596	20.25	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	83378	20.58	ug/l	99
33) Carbon Tetrachloride	5.78	117	75371	20.70	ug/l	99
34) Benzene	6.15	78	208227	20.96	ug/l	98
35) Methacrylonitrile	5.07	41	44743	21.41	ug/l	98
36) 1,2-Dichloroethane	6.20	62	83468	21.40	ug/l	# 93
37) Trichloroethene	7.22	130	60890	20.93	ug/l	89
38) Methylcyclohexane	7.47	83	78902	19.34	ug/l	99
39) 1,2-Dichloropropane	7.52	63	54068	20.87	ug/l	96
40) Dibromomethane	7.67	93	37954	21.08	ug/l	96

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Manual Integrations
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Quant Time: Jun 23 00:15:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	68851	20.36	ug/l	98
42) Vinyl Acetate	3.83	43	760628	104.50	ug/l	100
43) Ethyl Acetate	4.87	43	79768	21.73	ug/l	99
44) Isopropyl Acetate	6.47	43	125156	20.35	ug/l	99
45) 1,4-Dioxane	7.86	88	136	2.26	ug/l	92
46) Methyl methacrylate	7.78	41	65845	20.95	ug/l	97
47) n-amyl Acetate	10.90	43	111275	19.17	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	78939	19.88	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	70837	19.11	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	55737	20.99	ug/l	98
51) Ethyl methacrylate	9.18	69	79568	19.85	ug/l	98
52) 1,3-Dichloropropane	9.38	76	90414	20.85	ug/l	99
53) Dibromochloromethane	9.59	129	55121	19.55	ug/l	100
54) 1,2-Dibromoethane	9.68	107	57877	20.68	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	170752	89.69	ug/l	99
56) Bromoform	10.86	173	41801	18.58	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	419098	105.56	ug/l	98
59) 2-Hexanone	9.50	43	324227	106.83	ug/l	100
61) Tetrachloroethene	9.34	164	71318	22.22	ug/l	98
62) Toluene	8.79	91	232886	20.66	ug/l	98
64) Chlorobenzene	10.14	112	152130	20.31	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	56691	20.65	ug/l	98
66) Ethyl Benzene	10.26	91	255375	20.12	ug/l	100
67) m/p-Xylenes	10.36	106	198762	40.29	ug/l	98
68) o-Xylene	10.70	106	96058	19.99	ug/l	97
69) Styrene	10.71	104	158201	19.73	ug/l	99
70) Isopropylbenzene	11.02	105	264087	19.93	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	80791	20.39	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	81457m	23.72	ug/l	
73) Bromobenzene	11.26	156	71755	19.47	ug/l	95
74) n-propylbenzene	11.37	91	300788	19.55	ug/l	99
75) 2-Chlorotoluene	11.43	91	181733	20.30	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	221406	19.68	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	18663	16.90	ug/l	83
78) 4-Chlorotoluene	11.51	91	210852	19.88	ug/l	99
79) tert-butylbenzene	12.07	119	234292	18.88	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	227618	19.81	ug/l	99
81) sec-Butylbenzene	11.95	105	263587	19.15	ug/l	100
82) p-Isopropyltoluene	12.07	119	234292	18.88	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	132761	19.58	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	132683	19.37	ug/l	99
85) n-Butylbenzene	12.39	91	199455	18.13	ug/l	99
86) Hexachloroethane	12.60	117	32354	17.20	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	135584	19.80	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	17290	19.54	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	94242	18.23	ug/l	100
90) Hexachlorobutadiene	13.79	225	49837	18.52	ug/l	99
91) Naphthalene	13.84	128	264953	19.34	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	99747	19.39	ug/l	99

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MSVOA_X
ClientSampleId :
VX0622WBS01

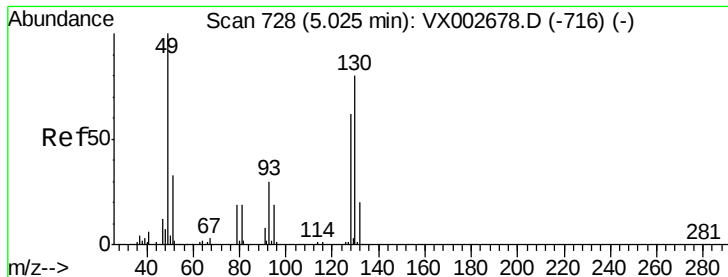
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
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QLast Update : Mon Jun 18 15:18:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

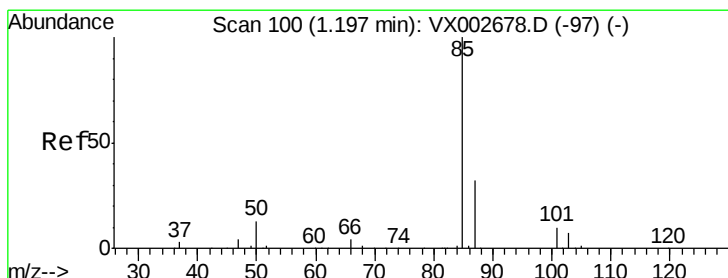
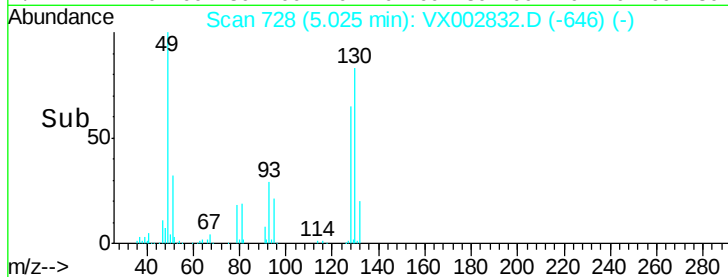
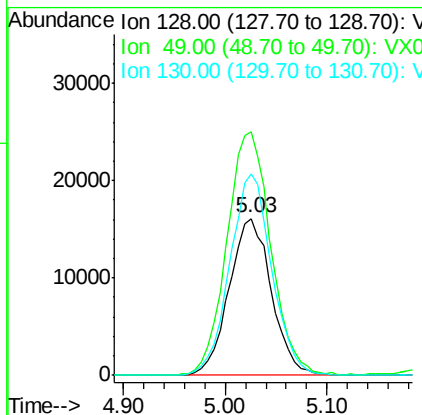
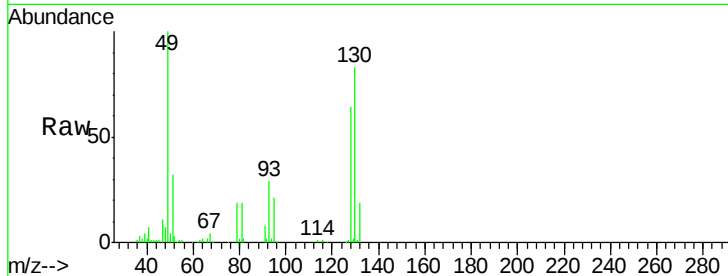
ClientSampleId :

VX0622WBS01

Tot Ion:	128	Resp:	46280
Ion	Ratio	Lower	Upper
128	100		
49	161.2	0.0	423.0
130	127.9	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 21.54 ug/l

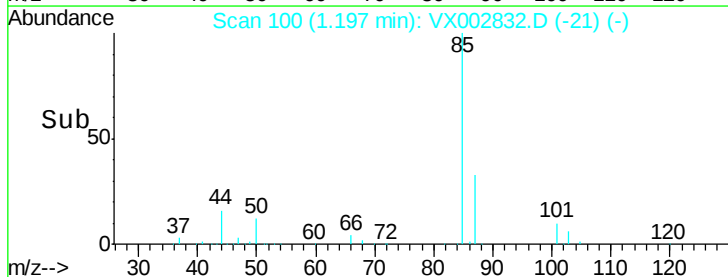
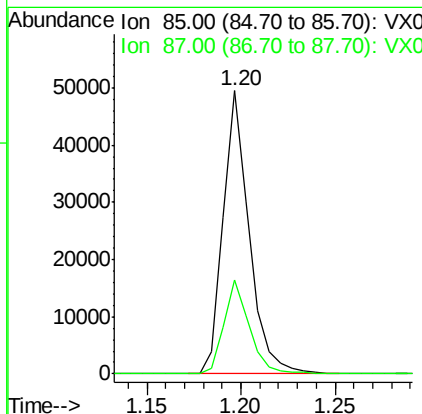
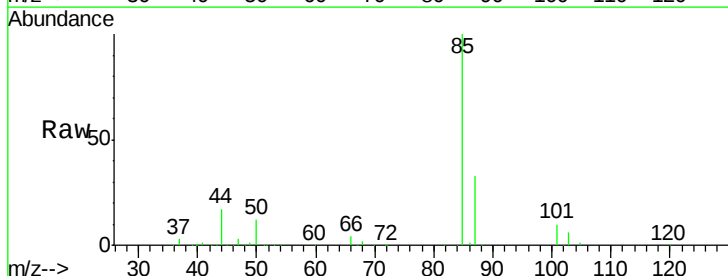
RT: 1.20 min Scan# 100

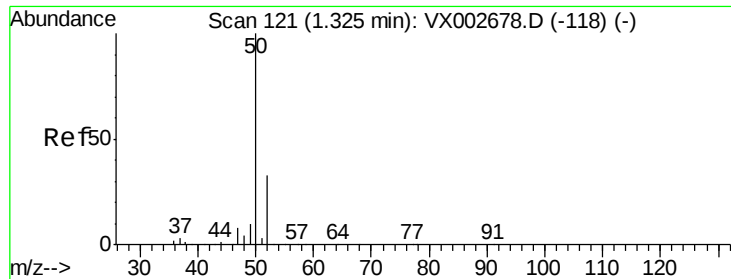
Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	85	Resp:	47578
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.2	48.5





#3

Chloromethane

Concen: 20.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 50 Resp: 48032

Ion Ratio Lower Upper

50 100

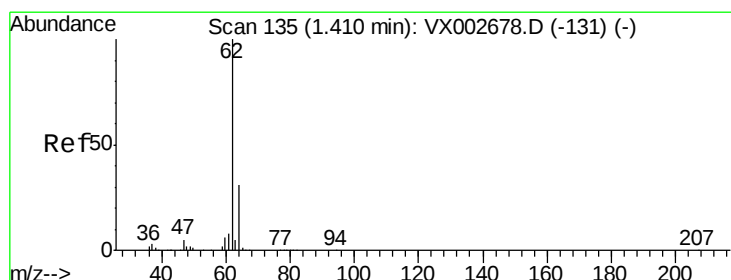
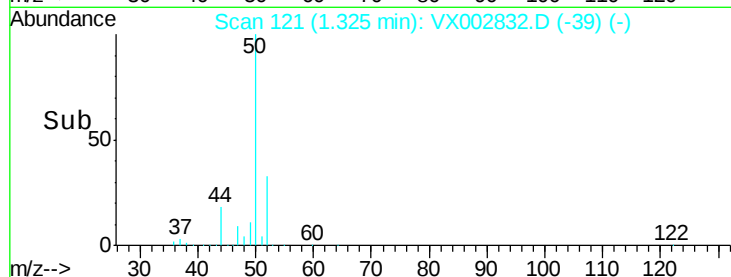
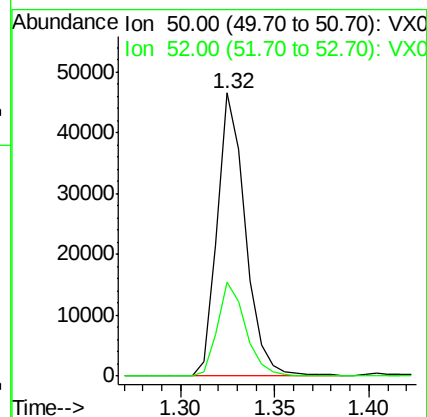
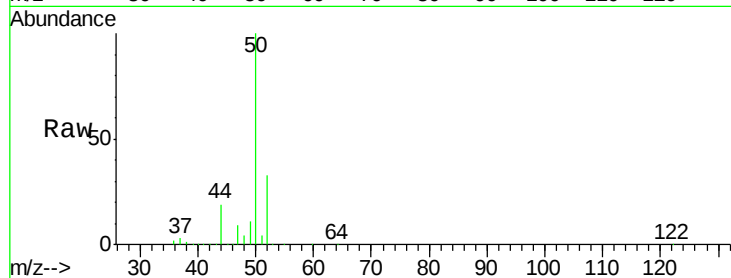
52 33.4 25.6 38.4

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#4

Vinyl Chloride

Concen: 19.71 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002832.D

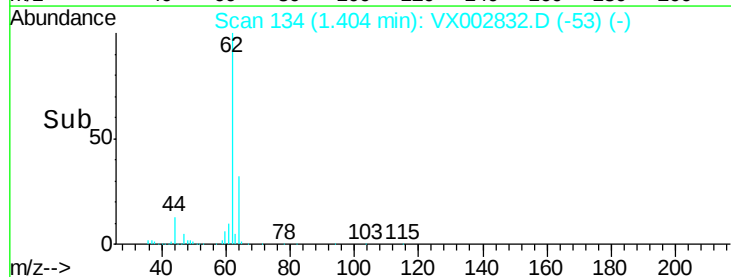
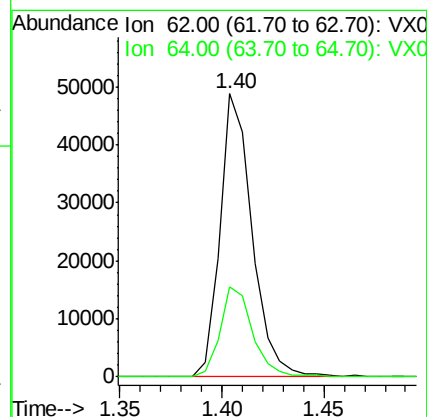
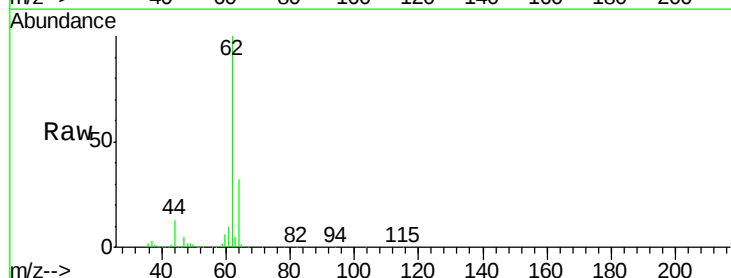
Acq: 22 Jun 2018 13:48

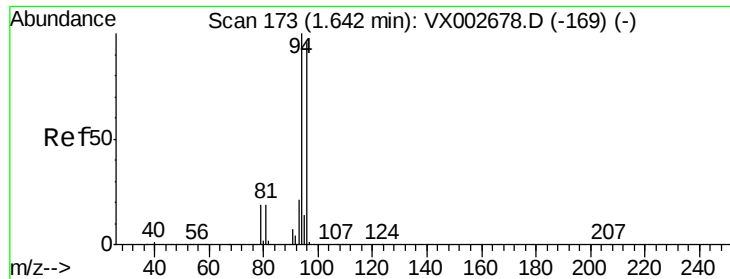
Tgt Ion: 62 Resp: 52661

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 14.95 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 94 Resp: 23339

Ion Ratio Lower Upper

94 100

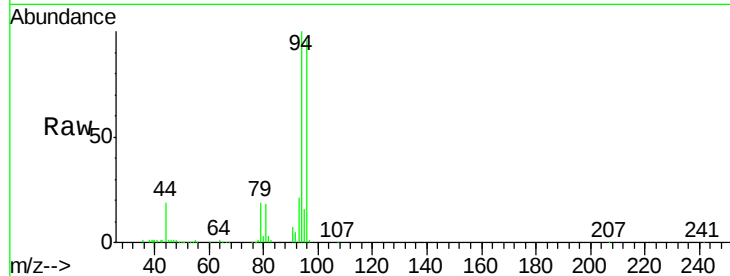
96 96.2 75.7 113.5

Manual Integrations

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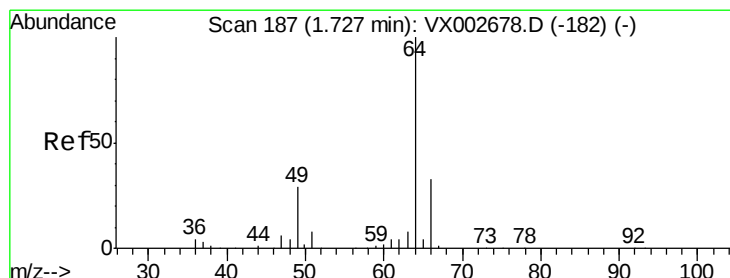
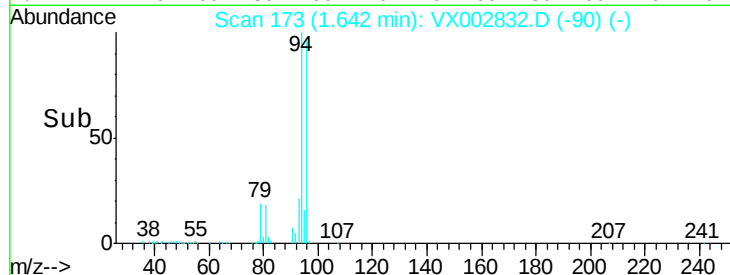
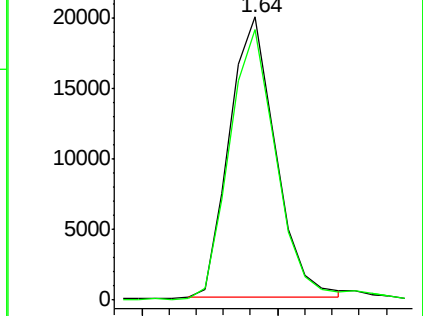
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.61 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX002832.D

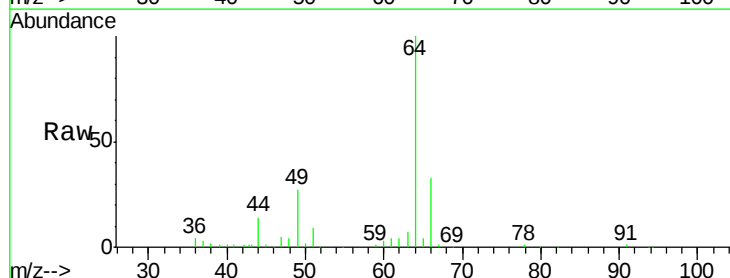
Acq: 22 Jun 2018 13:48

Tgt Ion: 64 Resp: 35244

Ion Ratio Lower Upper

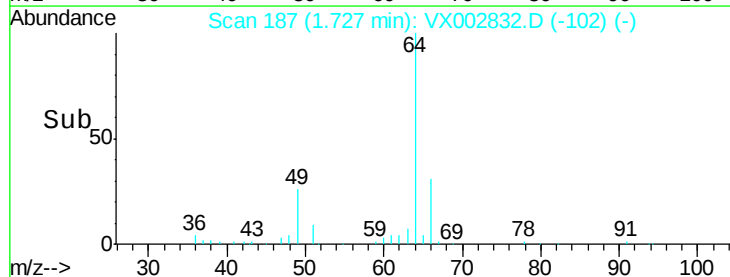
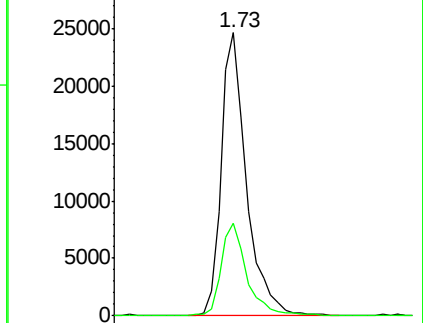
64 100

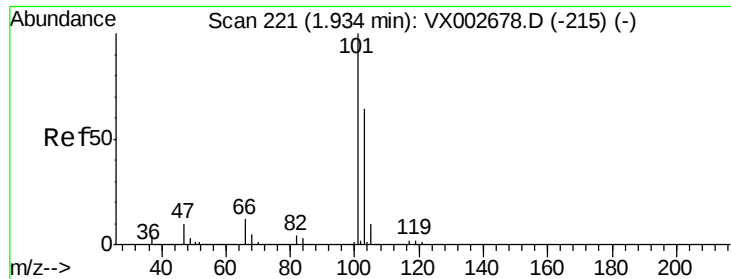
66 32.8 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

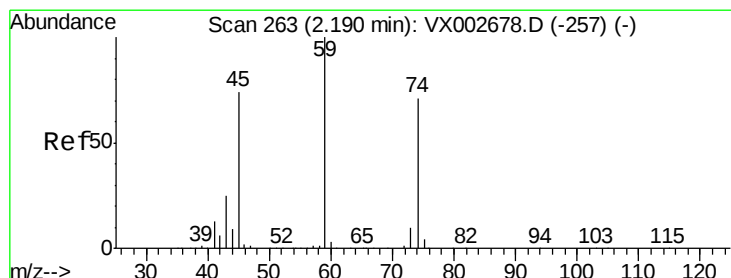
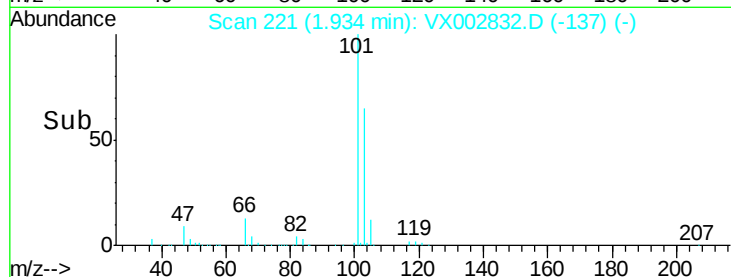
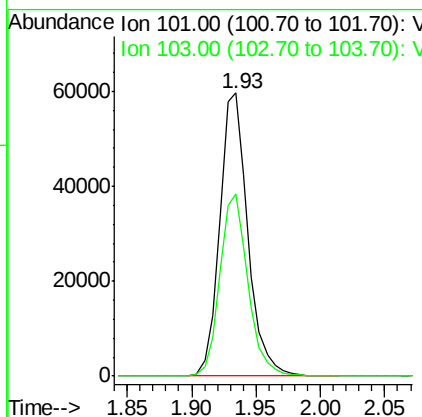
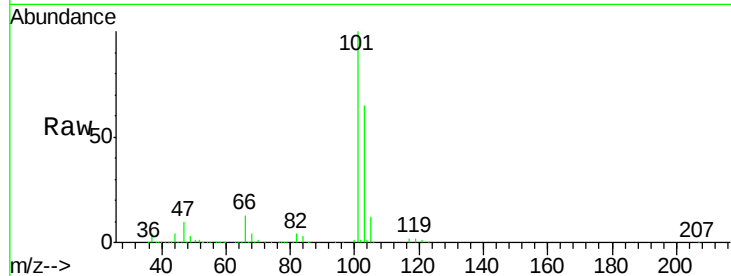
Trichlorofluoromethane
Concen: 19.29 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
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ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.5	77.3

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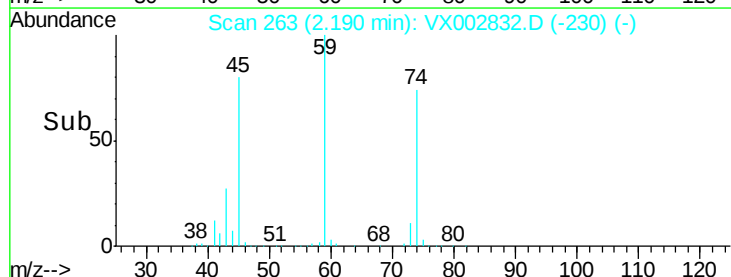
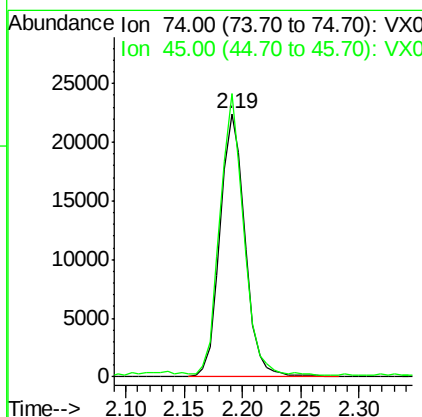
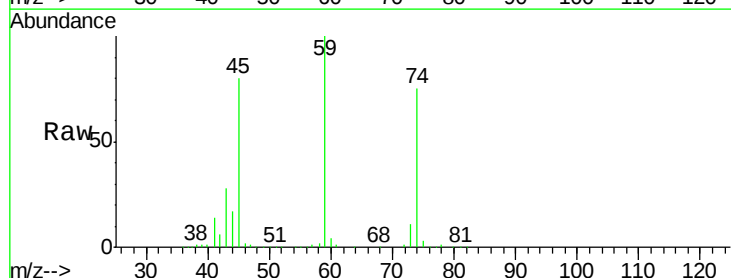
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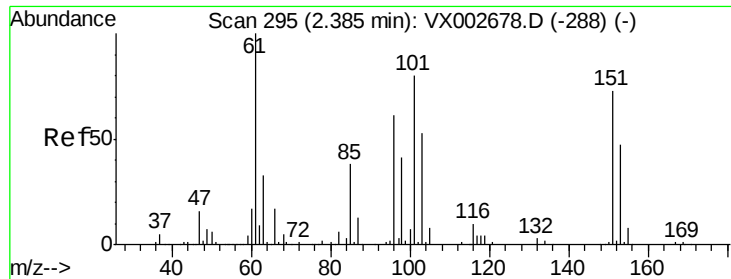


#8

Diethyl Ether
Concen: 19.63 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.17 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

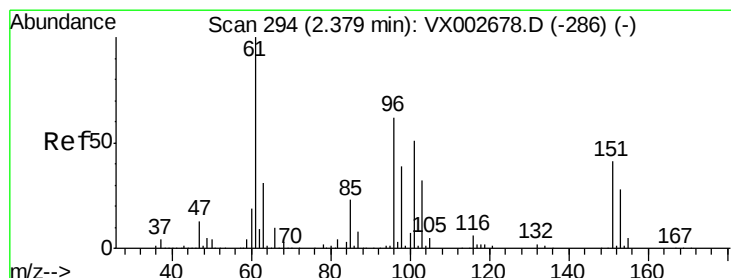
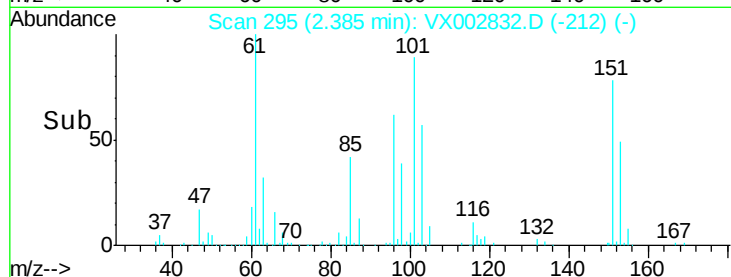
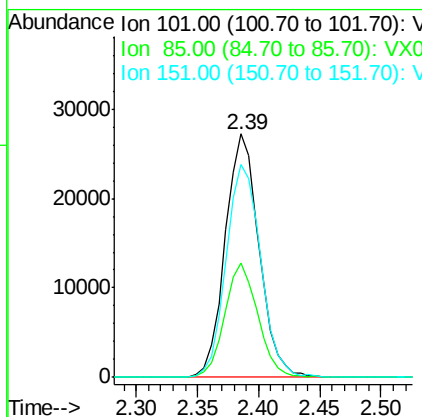
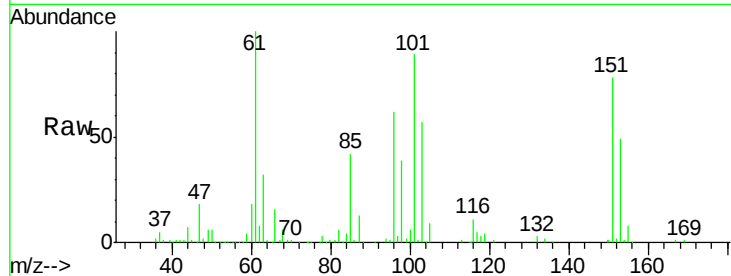
ClientSampleId :

VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	52115		
85	45.9	0.0	87.0	
151	89.5	0.0	177.6	

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.93 ug/l

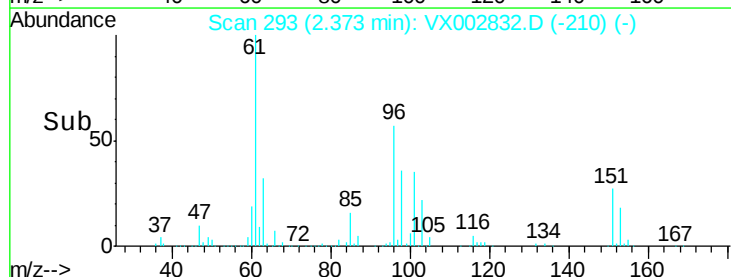
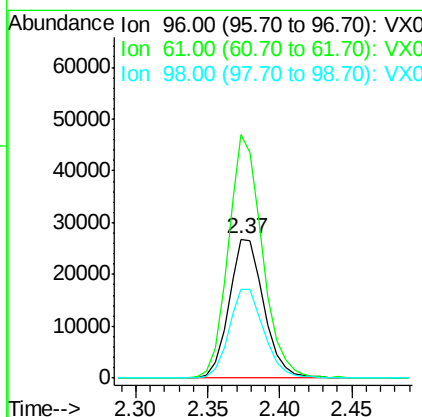
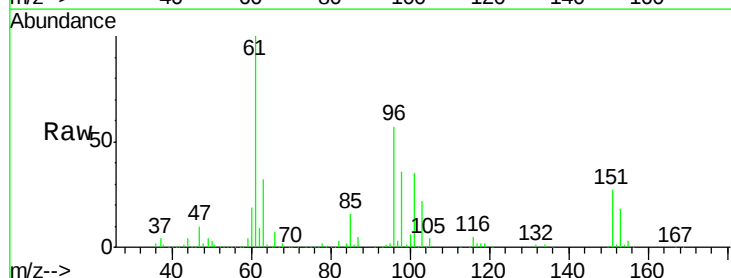
RT: 2.37 min Scan# 293

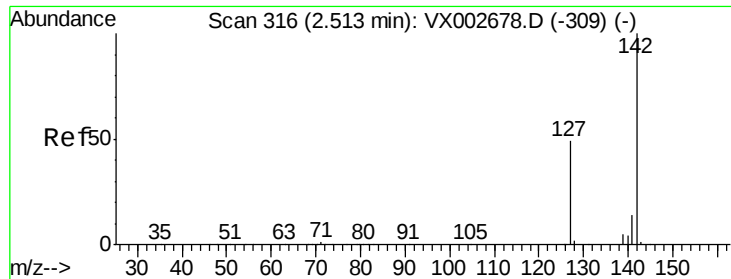
Delta R.T. 0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	45292		
61	175.3	137.5	206.3	
98	63.7	51.4	77.2	





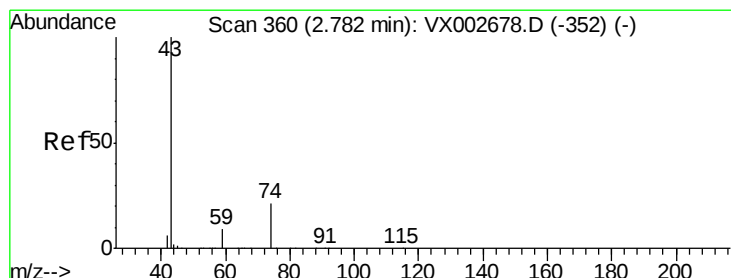
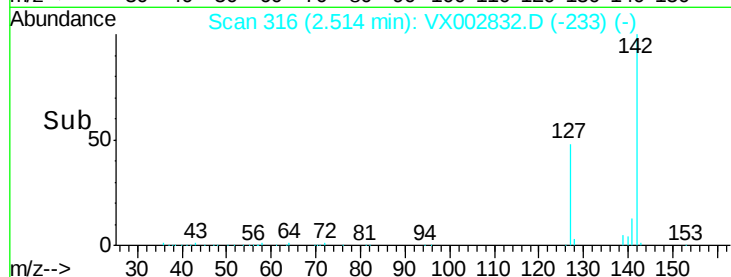
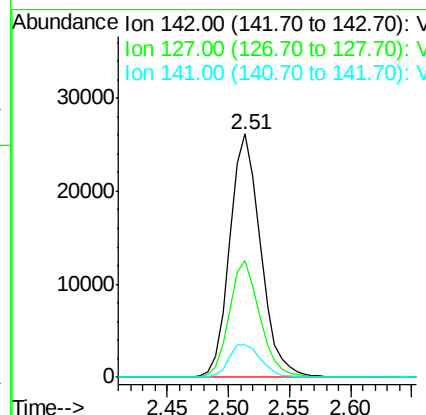
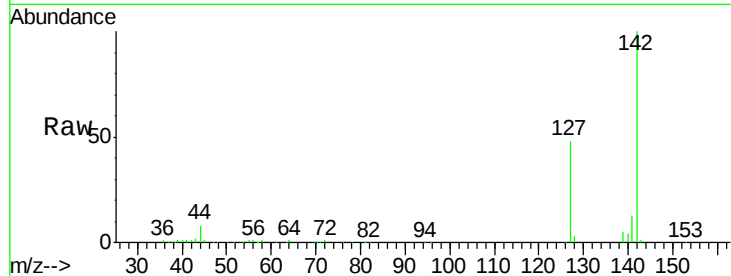
#11
Methyl Iodide
Concen: 16.63 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.8	23.2	69.6
141	13.5	7.4	22.2

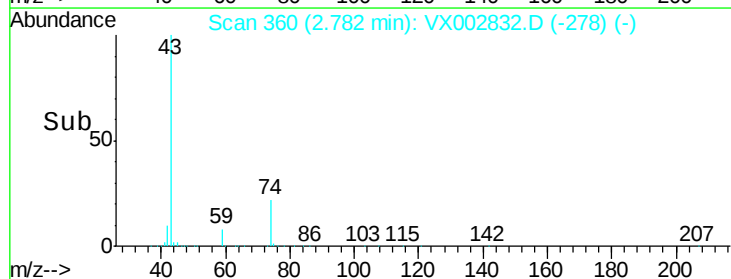
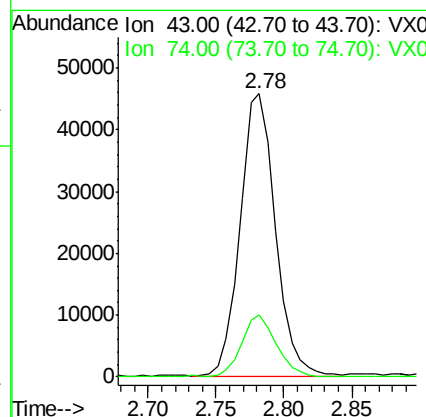
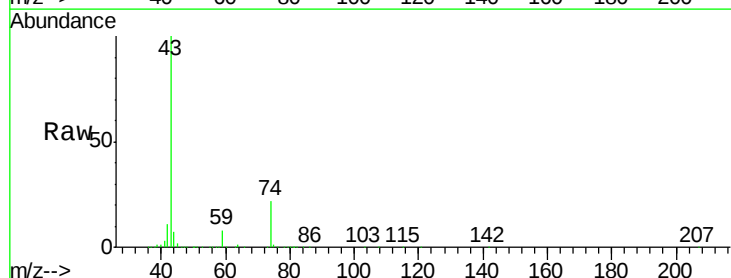
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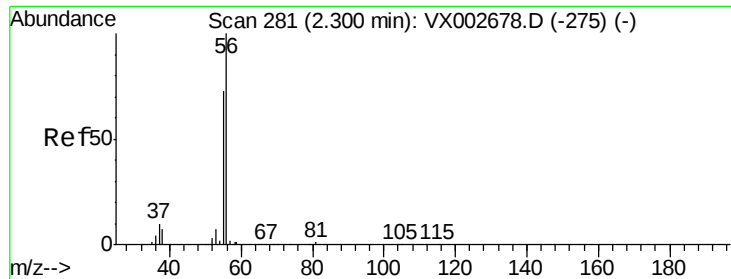
MMDadoda
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#12
Methyl Acetate
Concen: 21.28 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.4	24.6





#13

Acrolein

Concen: 73.27 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 56 Resp: 20228

Ion Ratio Lower Upper

56 100

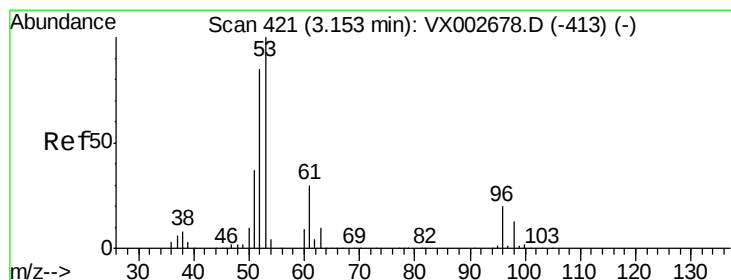
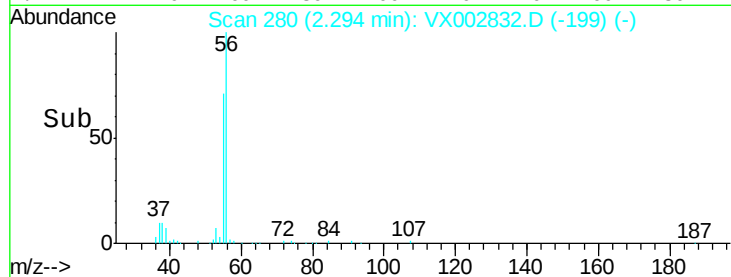
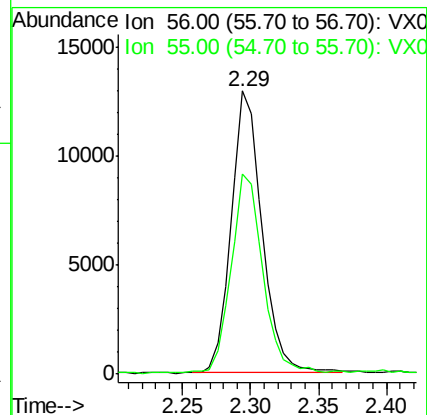
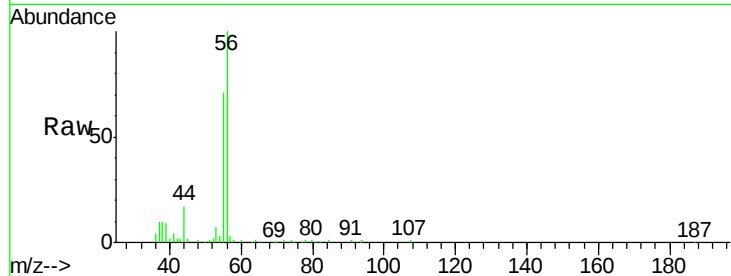
55 72.1 57.3 85.9

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#14

Acrylonitrile

Concen: 99.36 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

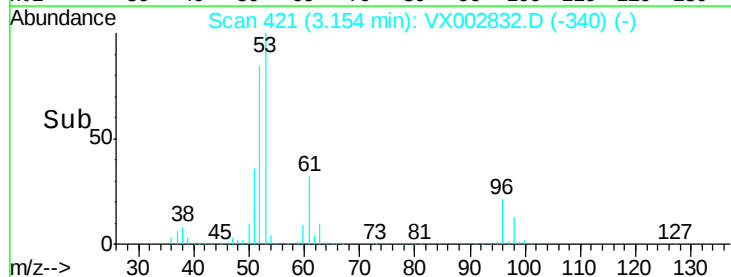
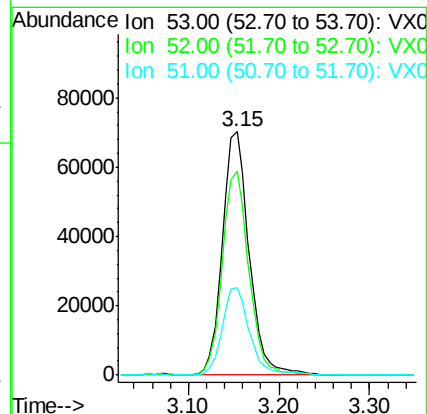
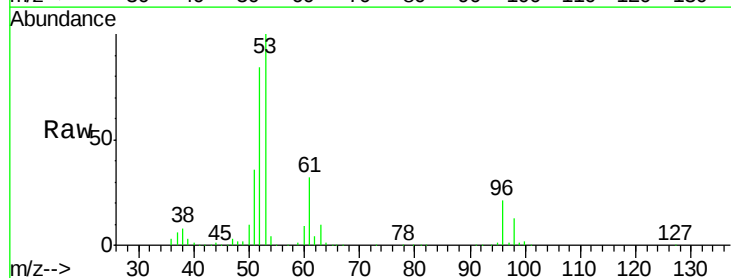
Tgt Ion: 53 Resp: 145105

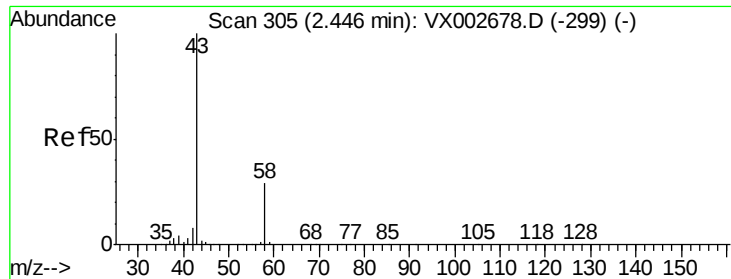
Ion Ratio Lower Upper

53 100

52 83.2 41.5 124.6

51 35.6 17.9 53.8





#15

Acetone

Concen: 102.96 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 58 Resp: 41790

Ion Ratio Lower Upper

58 100

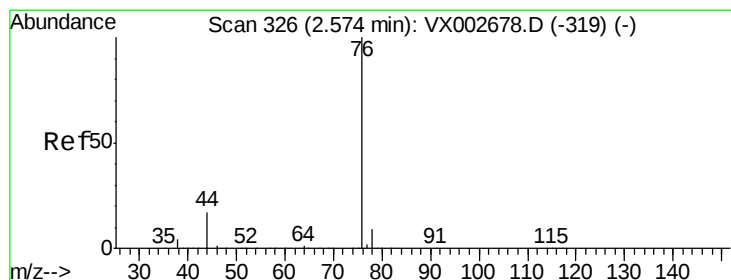
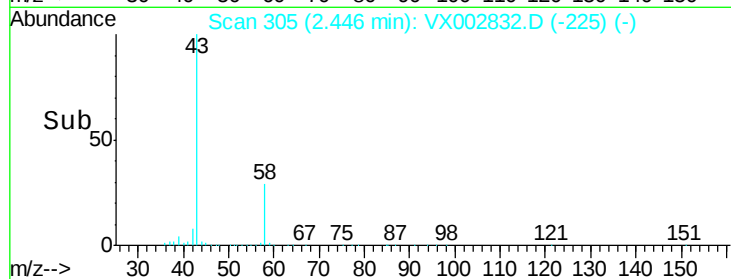
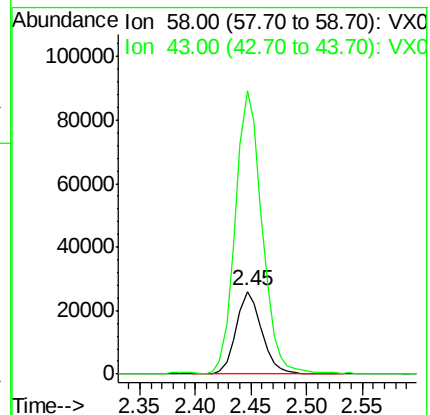
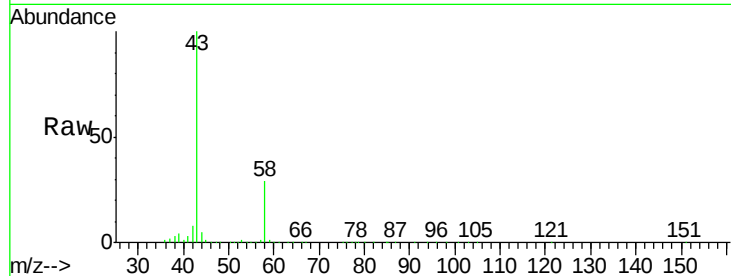
43 339.8 278.8 418.2

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#16

Carbon Disulfide

Concen: 18.94 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX002832.D

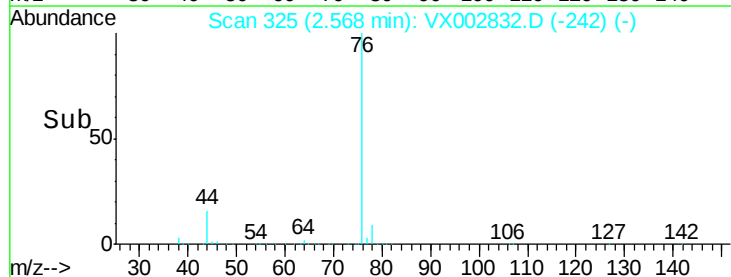
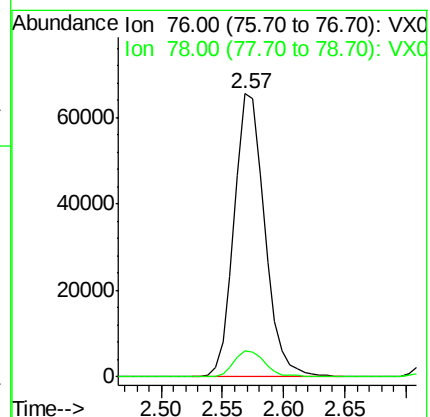
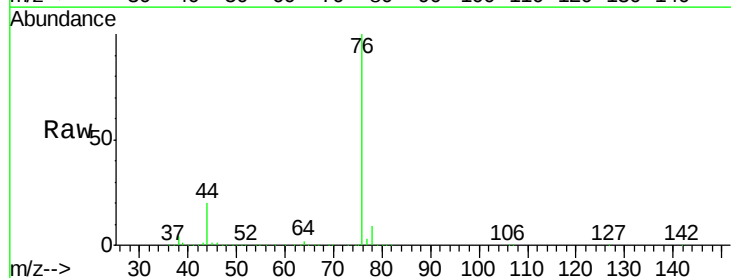
Acq: 22 Jun 2018 13:48

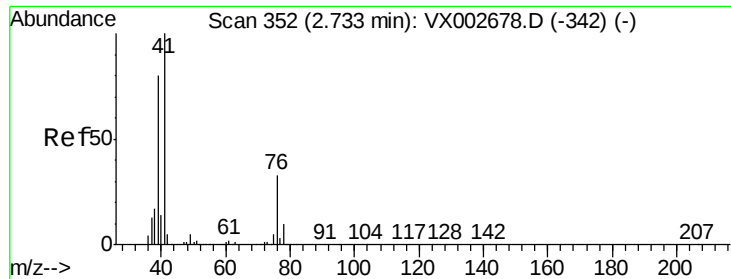
Tgt Ion: 76 Resp: 113481

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





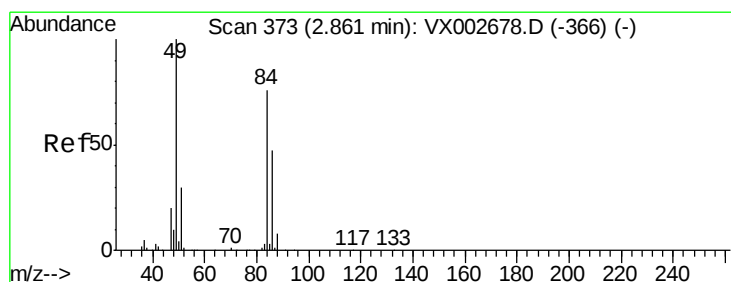
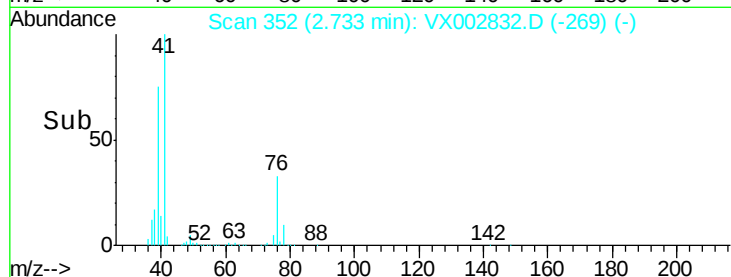
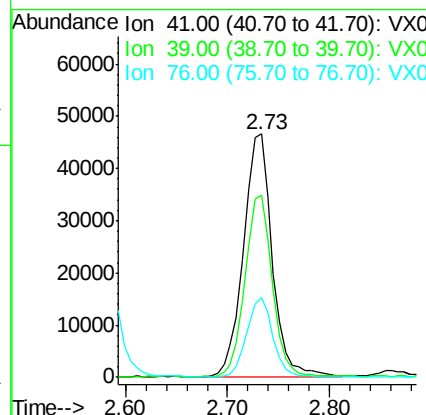
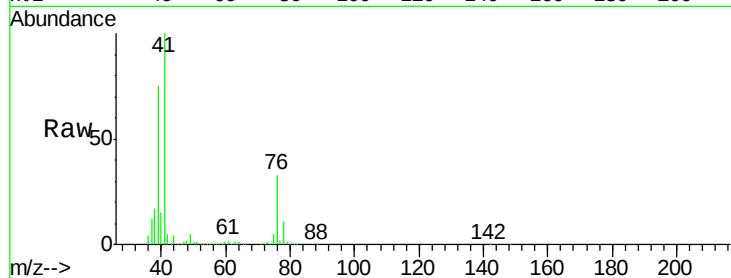
#17
Allvl chloride
Concen: 19.12 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.5	34.6	103.8
76	32.6	15.0	45.1

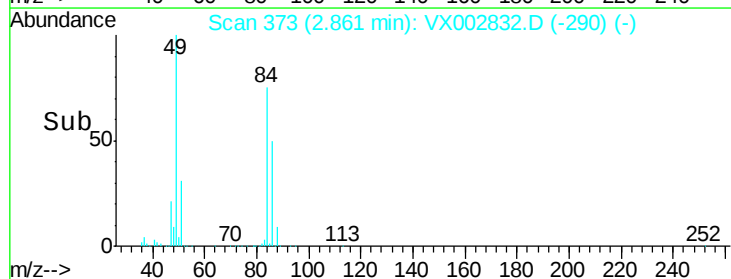
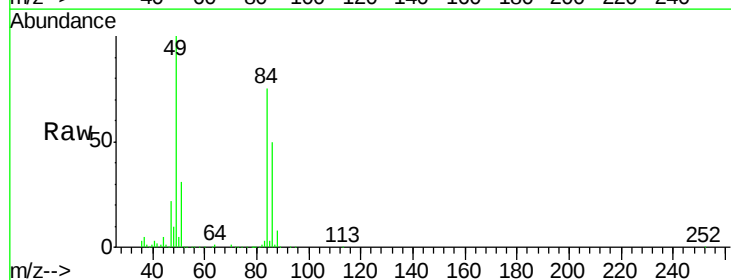
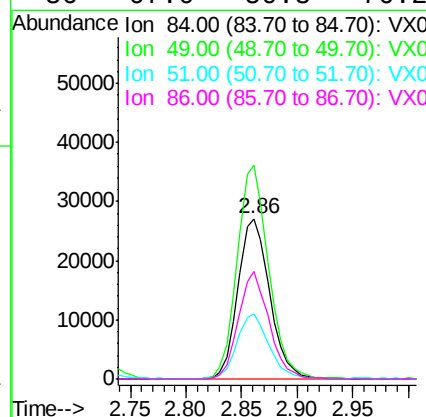
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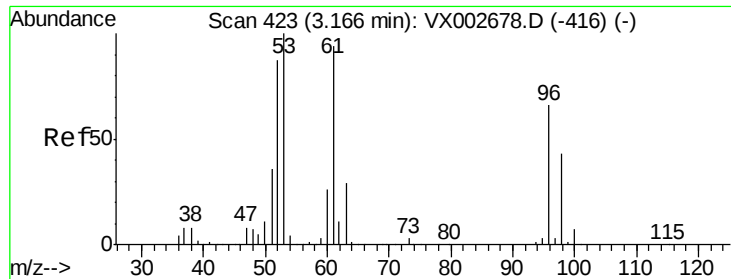
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#18
Methylene Chloride
Concen: 19.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.4	104.7	157.1
51	40.7	31.0	46.4
86	67.0	50.8	76.2





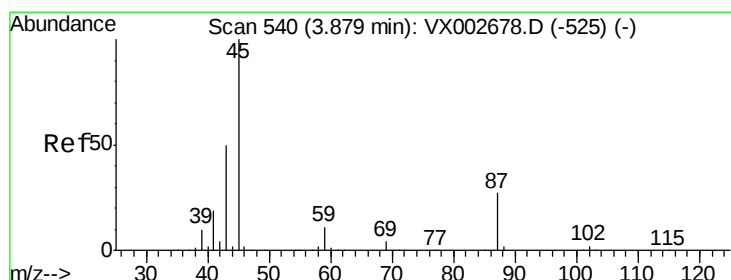
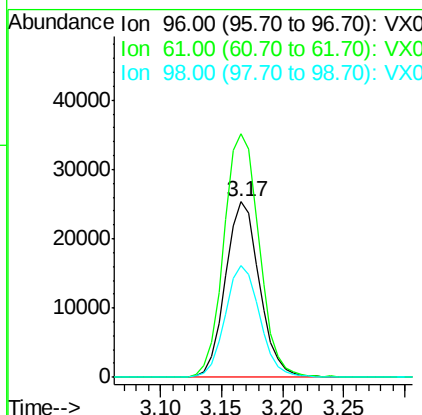
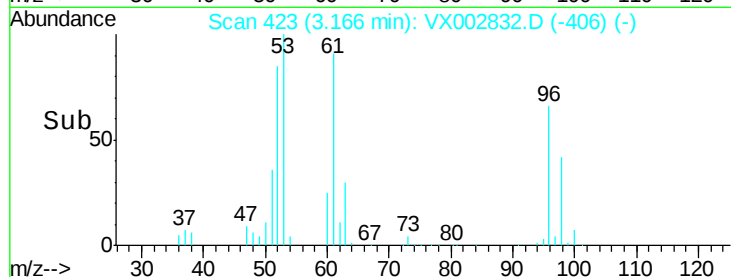
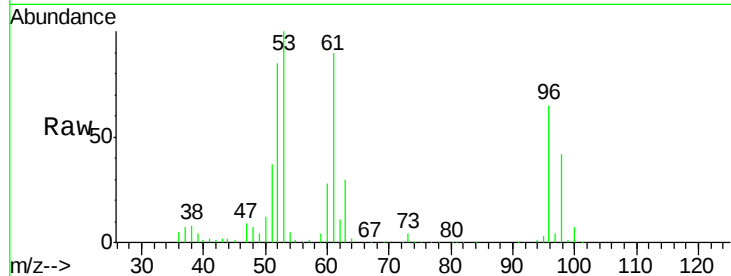
#19
trans-1,2-Dichloroethene
Concen: 19.08 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	138.2	114.6	172.0	
98	63.5	51.3	76.9	

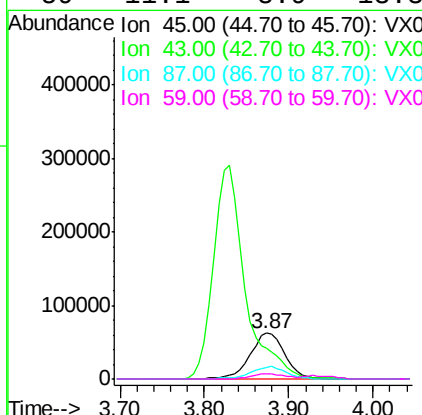
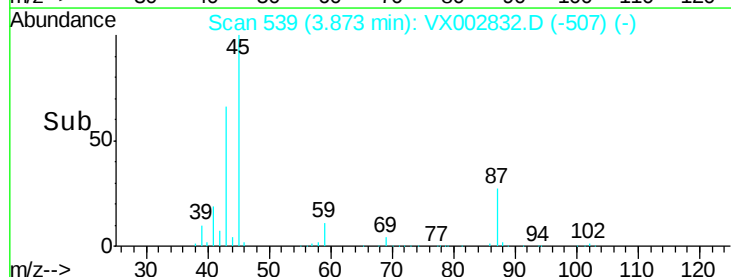
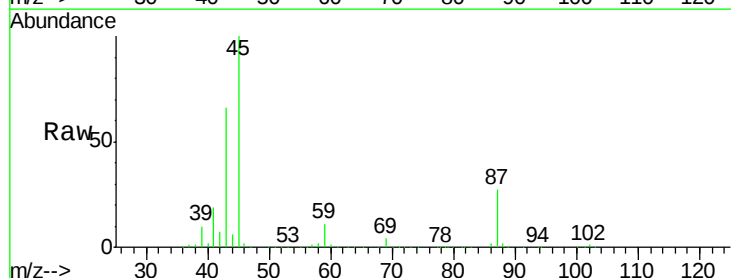
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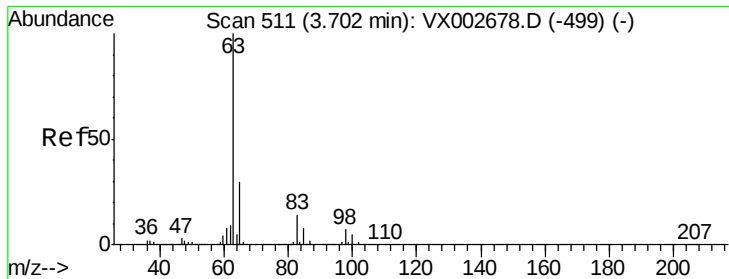
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#20
Diisopropyl ether
Concen: 19.89 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	64.5	45.6	68.4	
87	26.6	20.7	31.1	
59	11.1	8.9	13.3	





#21

1,1-Dichloroethane

Concen: 20.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

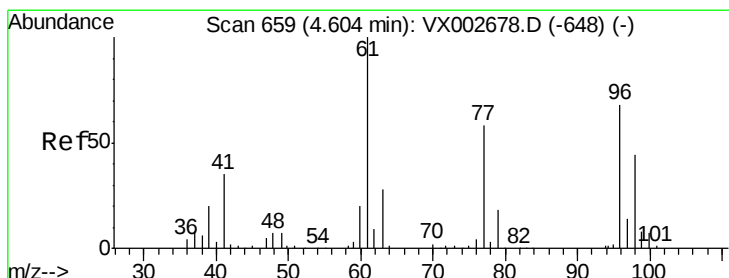
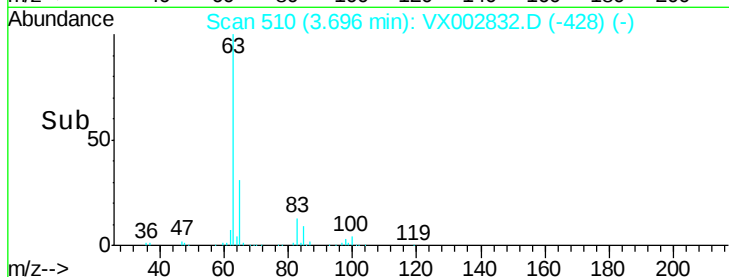
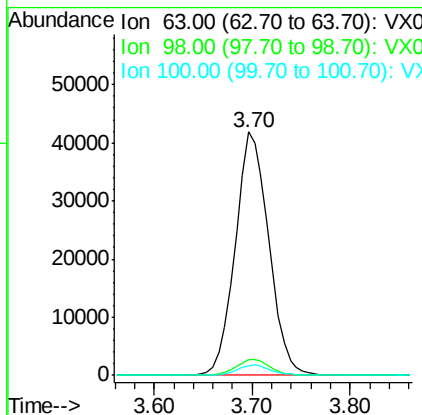
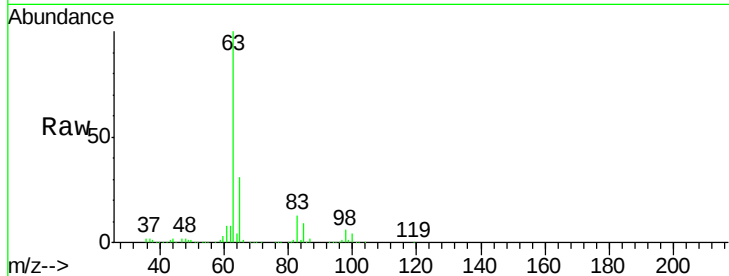
ClientSampleId :

VX0622WBS01

Tot Ion:	63	Resp:	99350
Ion Ratio	Lower	Upper	
63	100		
98	6.3	3.1	9.3
100	4.1	2.2	6.6

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#22

cis-1,2-Dichloroethene

Concen: 20.17 ug/l

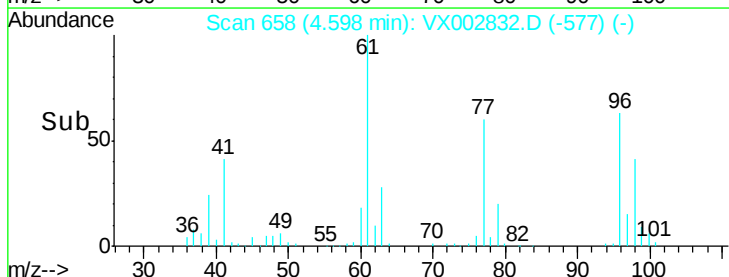
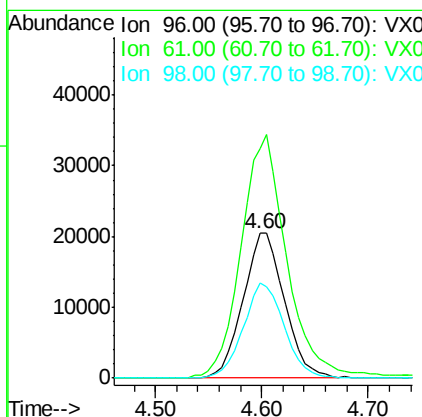
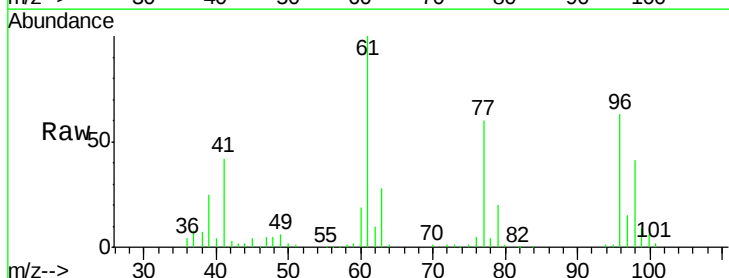
RT: 4.60 min Scan# 658

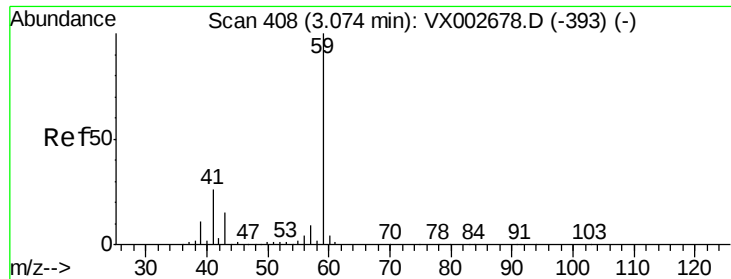
Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	96	Resp:	55633
Ion Ratio	Lower	Upper	
96	100		
61	185.7	160.2	240.2
98	65.1	54.1	81.1





#23

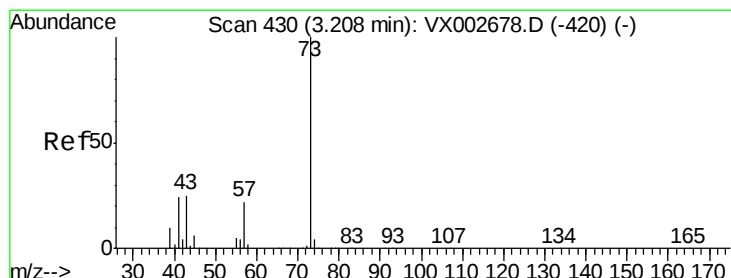
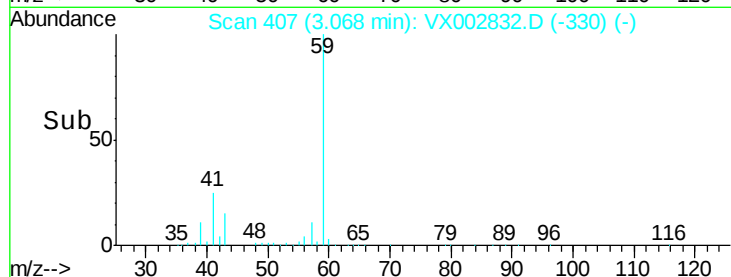
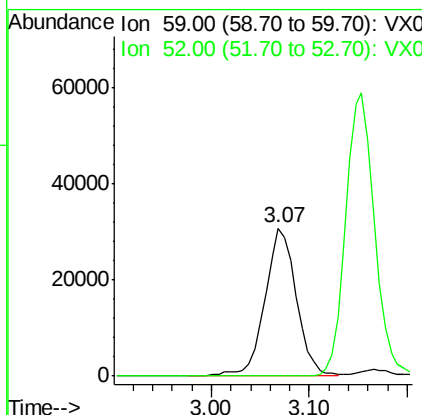
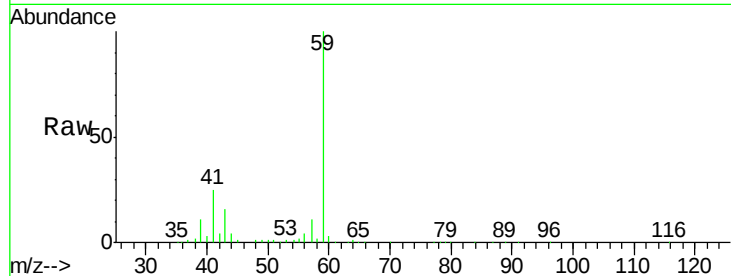
tert-Butyl Alcohol
 Concen: 104.09 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.03 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.2	0.2#

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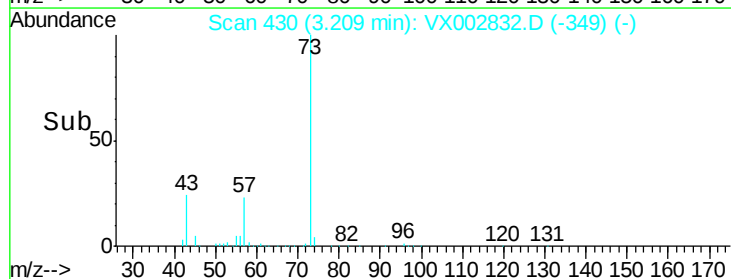
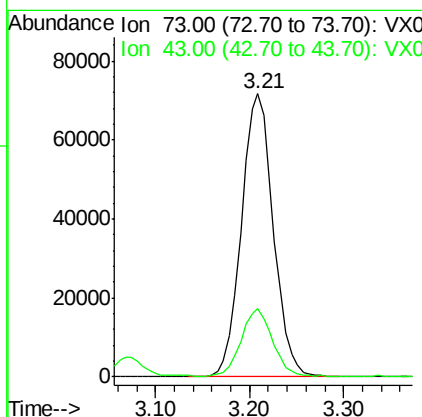
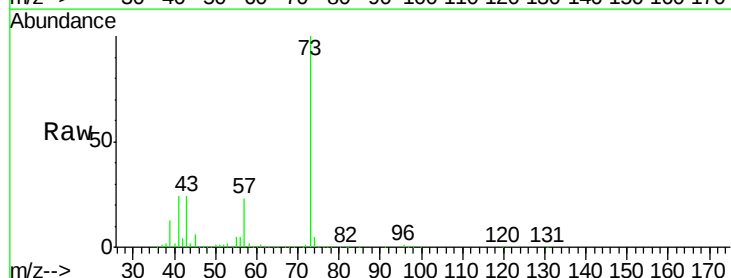
MMDadoda
 6/25/2018 6:56:05 PM

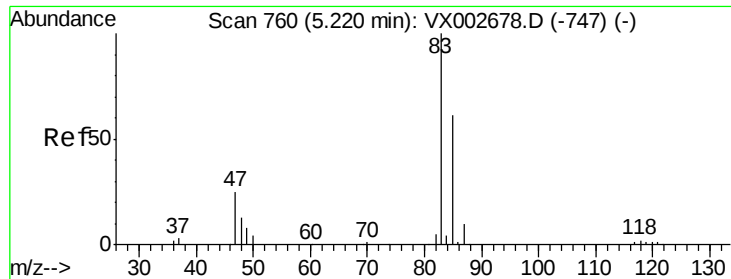


#24

Methyl tert-Butyl Ether
 Concen: 19.00 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.4	19.0	28.4





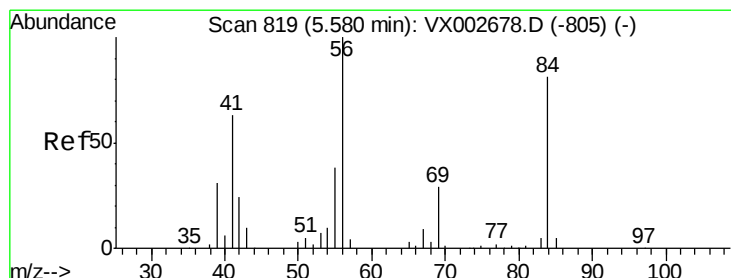
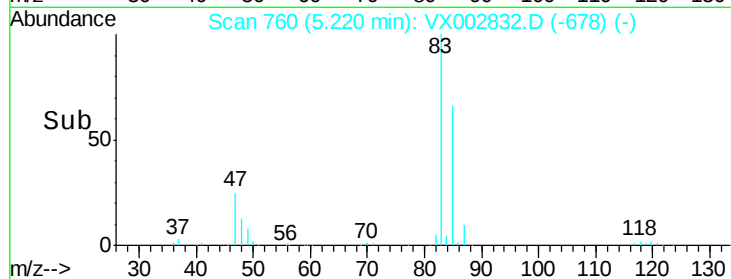
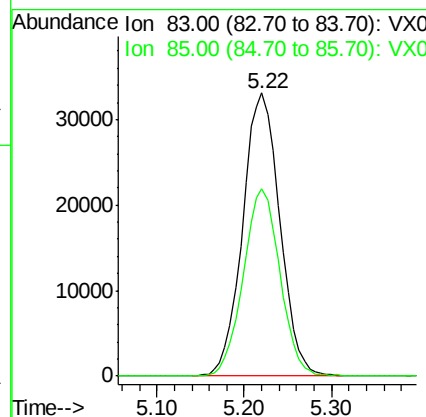
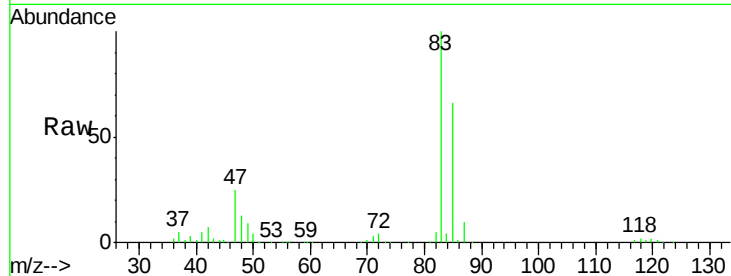
#25
Chloroform
Concen: 20.45 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	83	Resp	97893
Ion Ratio	100	Lower	Upper
85	66.1	51.9	77.9

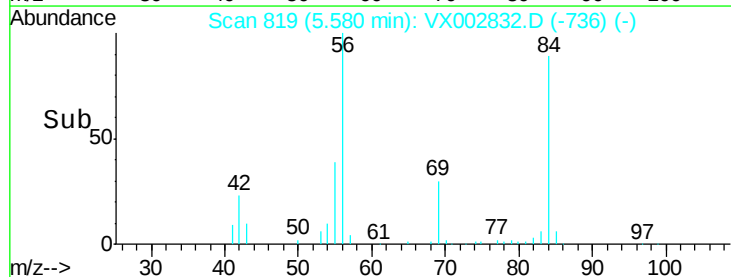
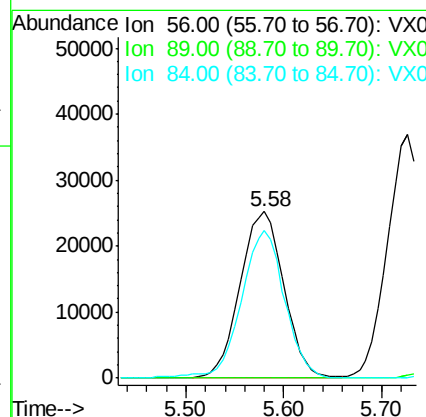
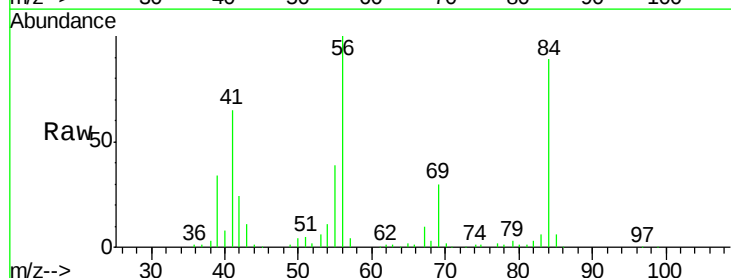
Manual Integrations
APPROVED

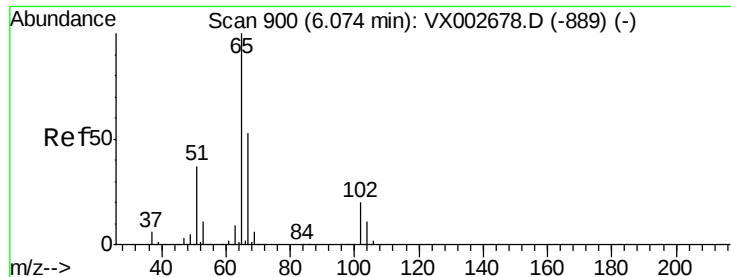
MMDadoda
6/25/2018 6:56:05 PM



#26
Cyclohexane
Concen: 19.34 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	56	Resp	78393
Ion Ratio	100	Lower	Upper
89	0.0	0.1	0.1#
84	84.9	64.9	97.3





#27

1,2-Dichloroethane-d4

Concen: 30.51 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 65 Resp: 107831

Ion Ratio Lower Upper

65 100

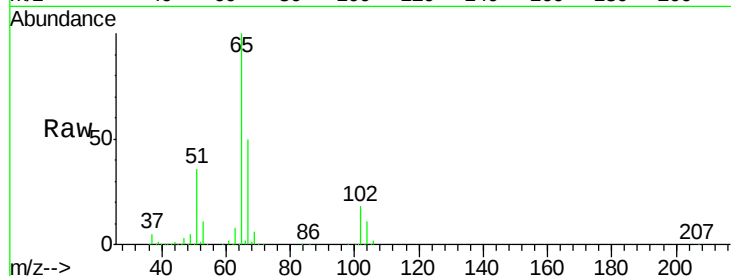
67 51.0 40.9 61.3

Manual Integrations

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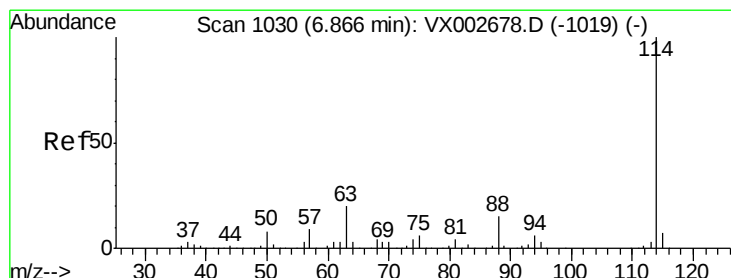
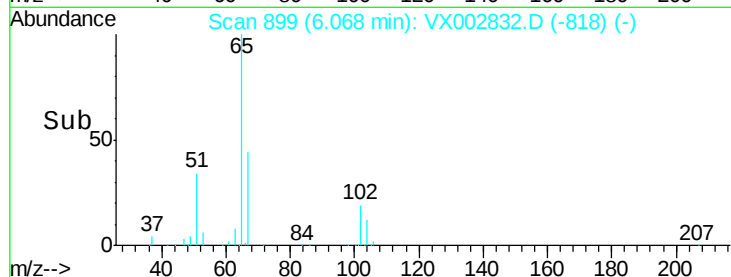
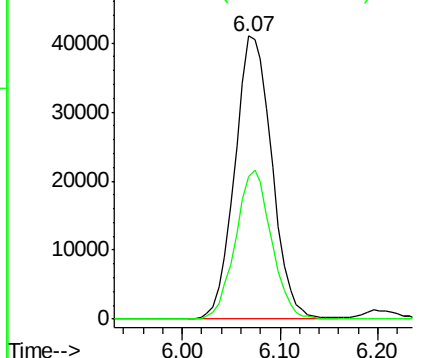
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

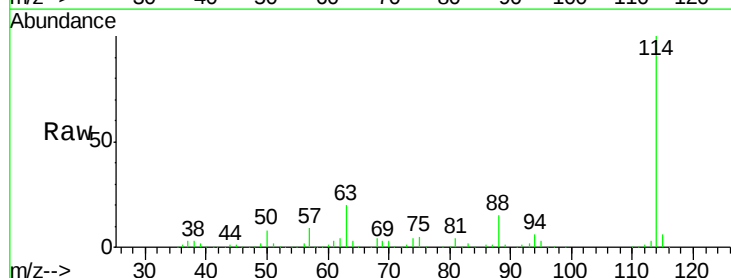
Tgt Ion: 114 Resp: 248365

Ion Ratio Lower Upper

114 100

63 20.5 17.1 25.7

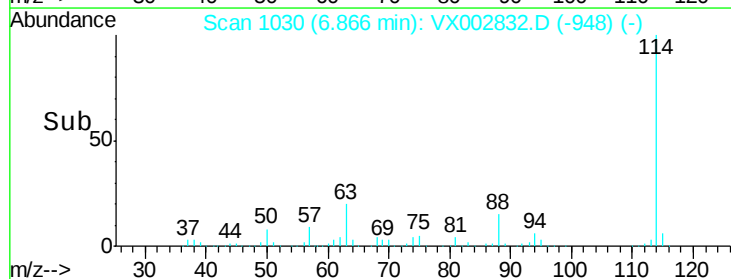
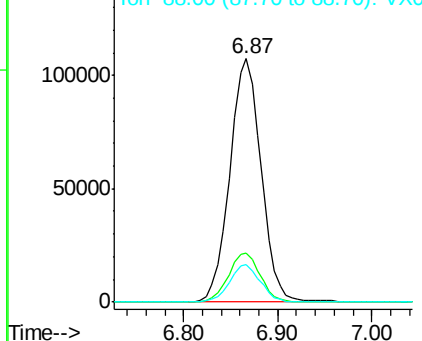
88 15.1 12.6 19.0

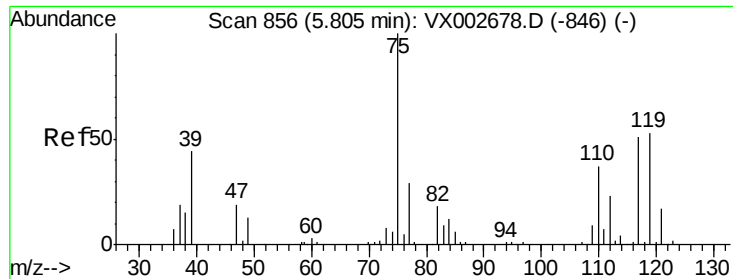


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





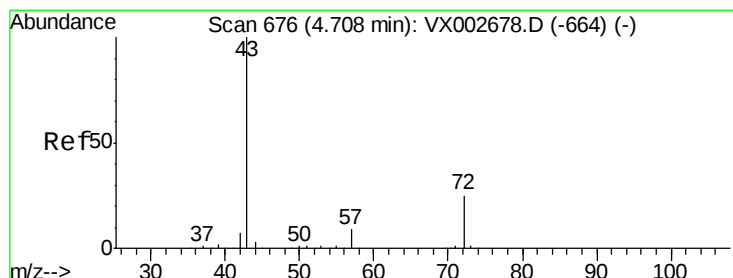
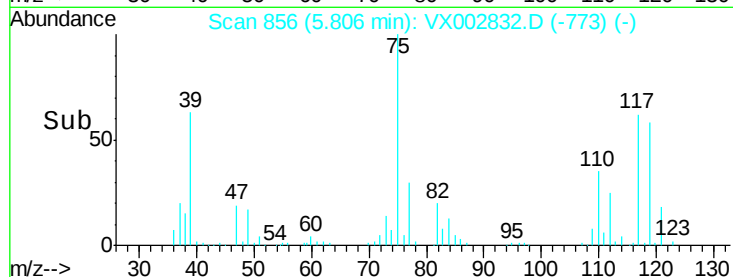
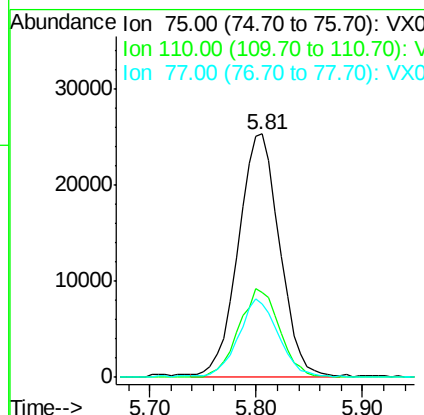
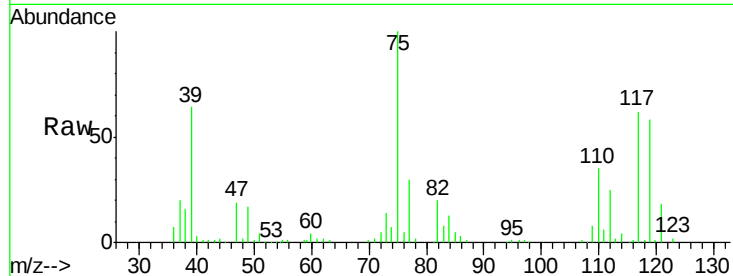
#29
 1,1-Dichloropropene
 Concen: 20.70 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.7	0.0	71.4
77	31.0	0.0	60.6

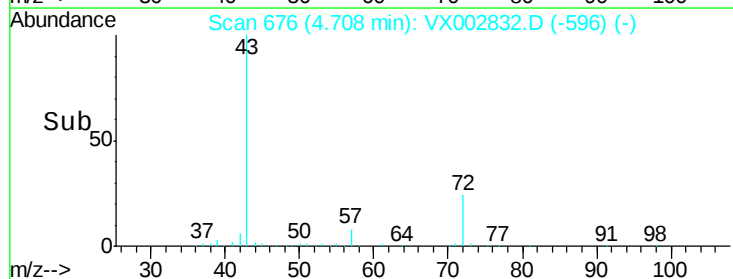
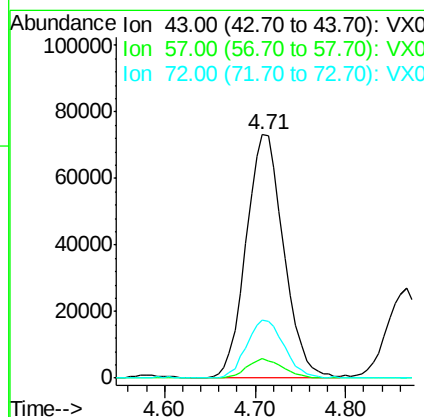
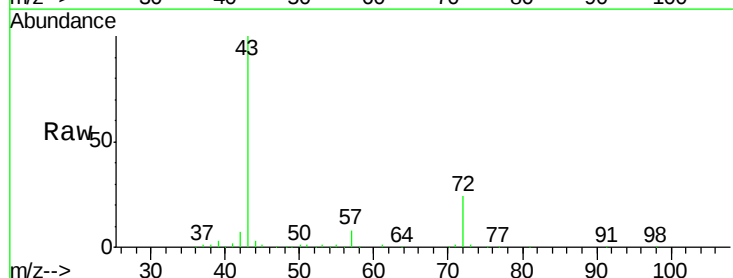
Manual Integrations
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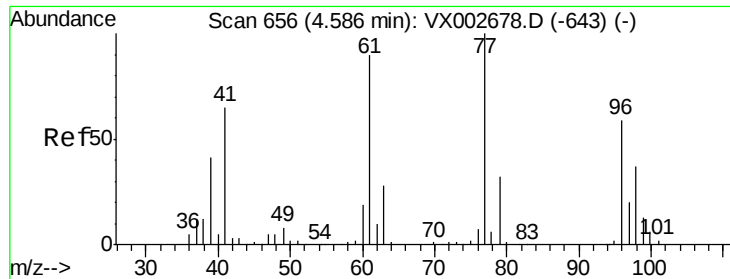
MMDadoda
 6/25/2018 6:56:05 PM



#30
 2-Butanone
 Concen: 108.68 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.1	9.1
72	24.0	18.1	27.1





#31

2,2-Dichloropropane

Concen: 20.25 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 77 Resp: 72596

Ion Ratio Lower Upper

77 100

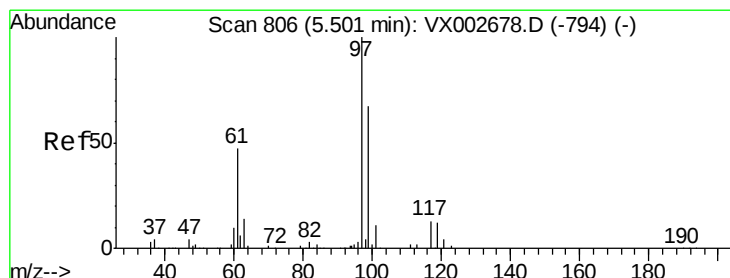
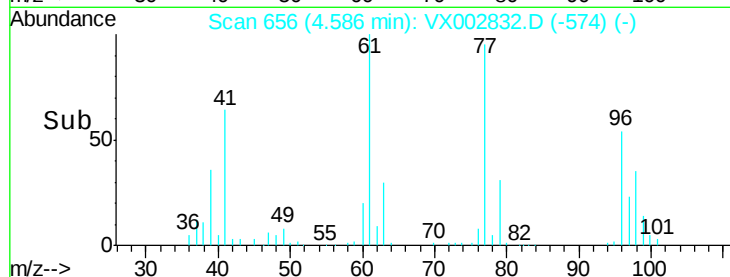
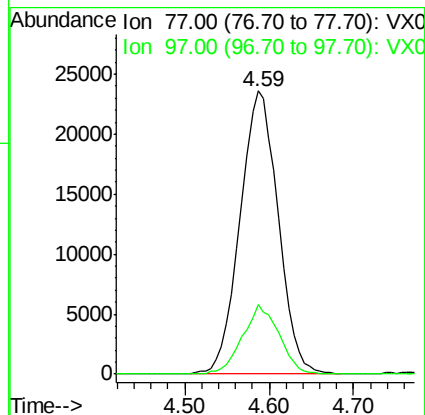
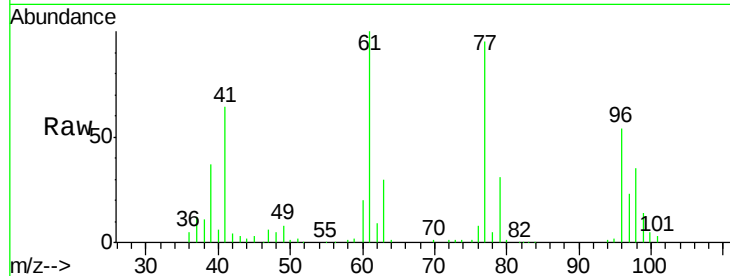
97 23.4 18.7 28.1

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#32

1,1,1-Trichloroethane

Concen: 20.58 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

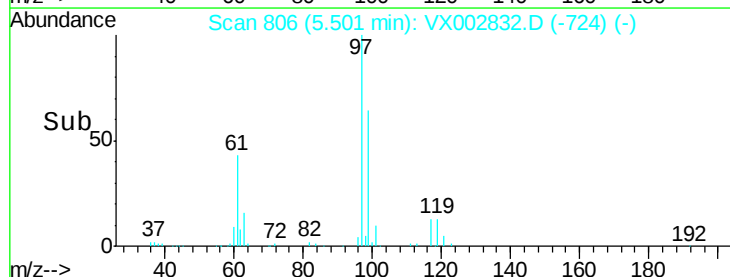
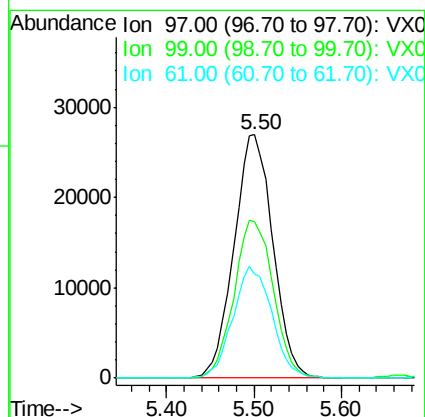
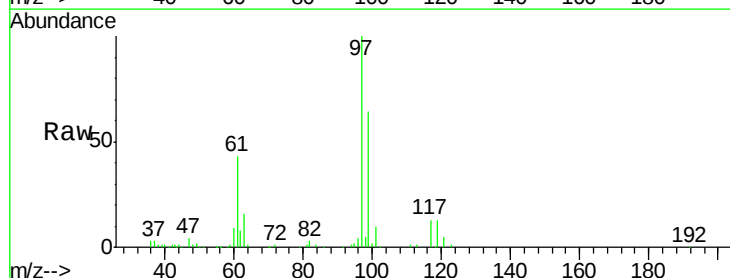
Tgt Ion: 97 Resp: 83378

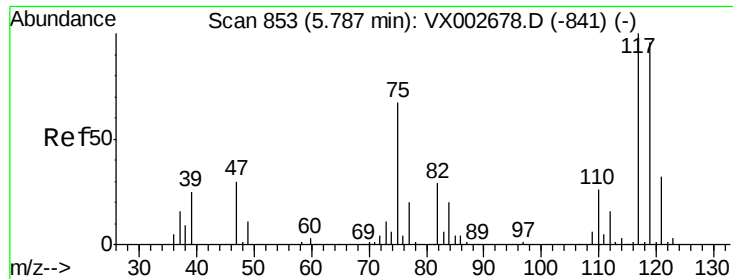
Ion Ratio Lower Upper

97 100

99 65.5 51.7 77.5

61 46.2 36.4 54.6





#33

Carbon Tetrachloride

Concen: 20.70 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

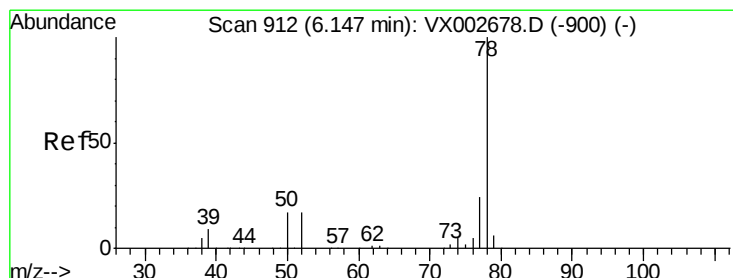
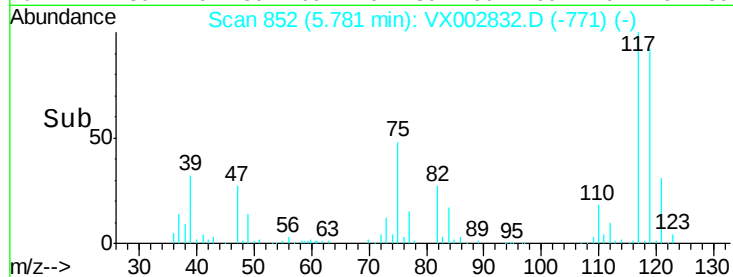
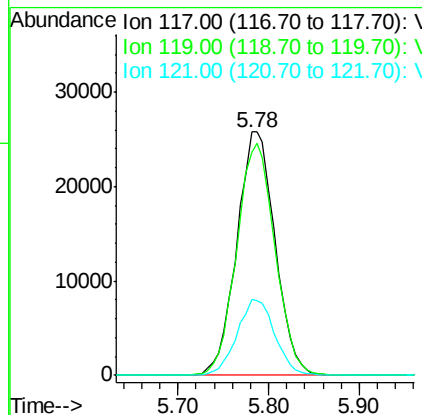
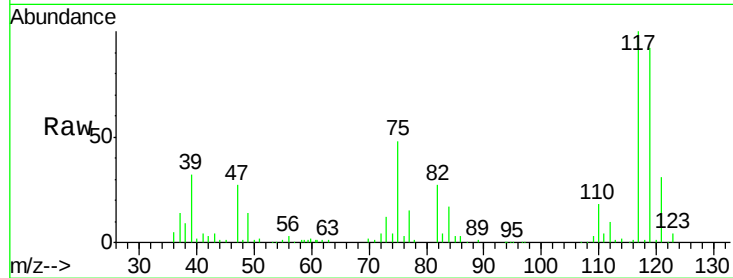
ClientSampleId :

VX0622WBS01

Tot Ion:	117	Resp:	75371
Ion	Ratio	Lower	Upper
117	100		
119	91.6	73.3	109.9
121	31.0	23.6	35.4

Manual Integrations
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#34

Benzene

Concen: 20.96 ug/l

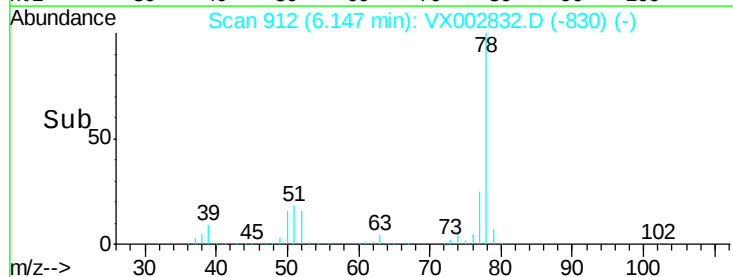
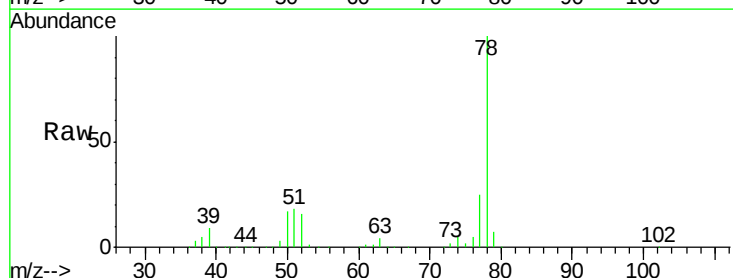
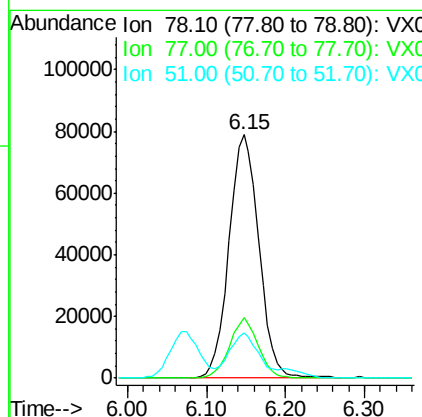
RT: 6.15 min Scan# 912

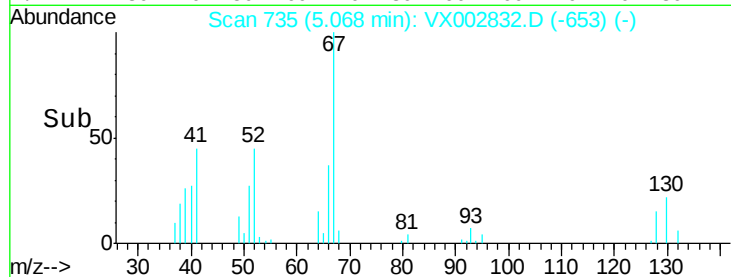
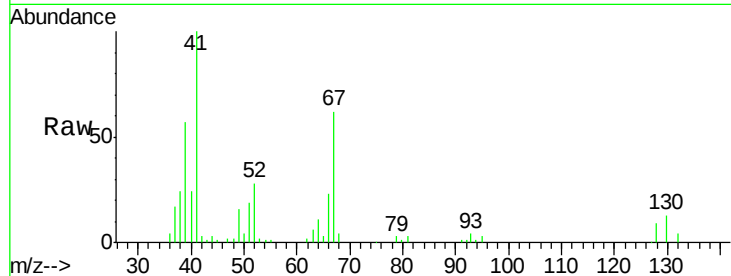
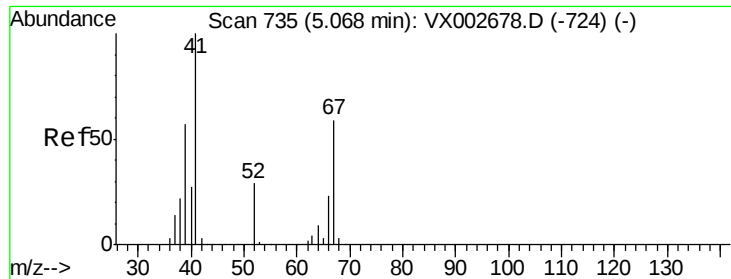
Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	78	Resp:	208227
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.0
51	18.3	13.8	20.6





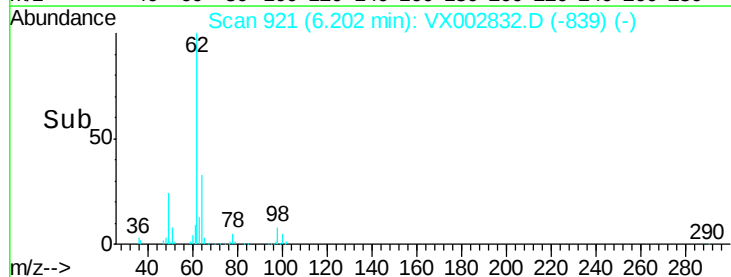
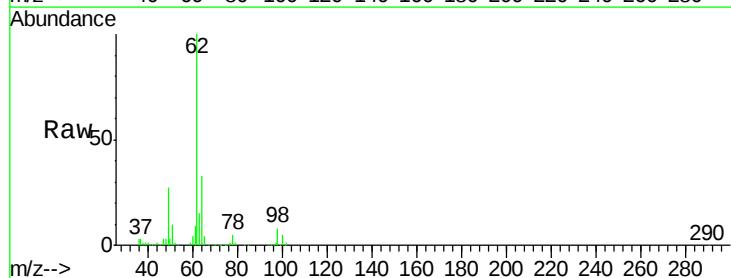
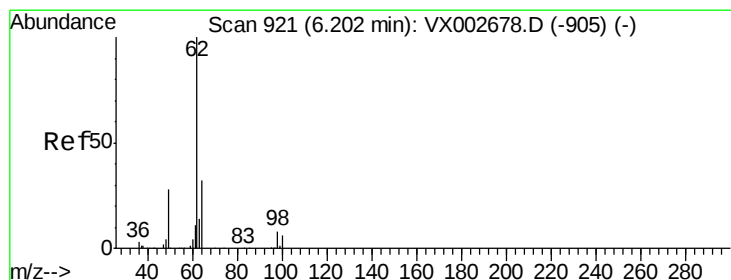
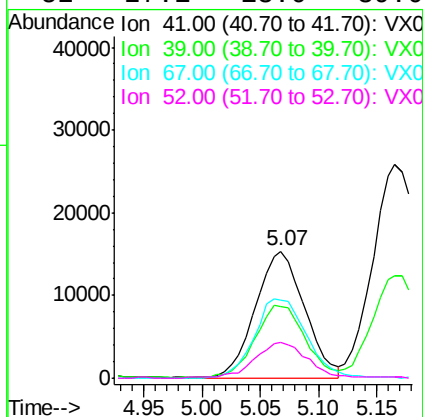
#35
Methacrylonitrile
Concen: 21.41 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	56.5	28.8	86.5	
67	67	62.0	30.4	91.2	
52	52	27.1	13.0	39.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

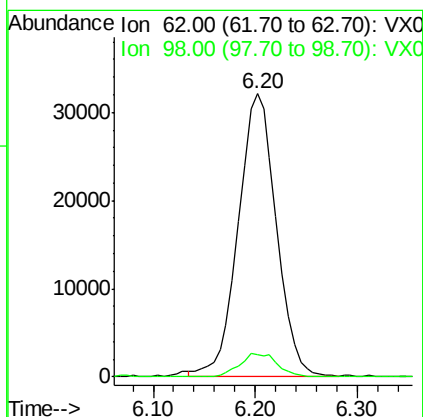
Manual Integrations
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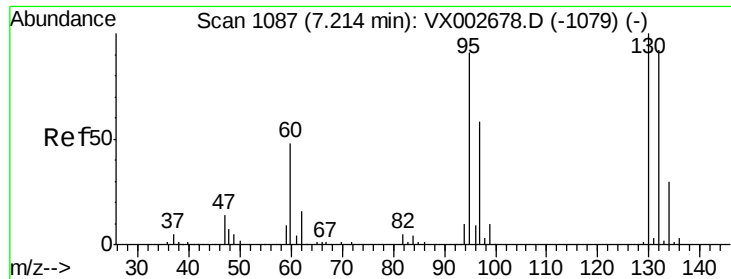
MMDadoda
6/25/2018 6:56:05 PM



#36
1,2-Dichloroethane
Concen: 21.40 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	5.5	6.5	9.7#	





#37

Trichloroethene

Concen: 20.93 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion:130 Resp: 60890

Ion Ratio Lower Upper

130 100

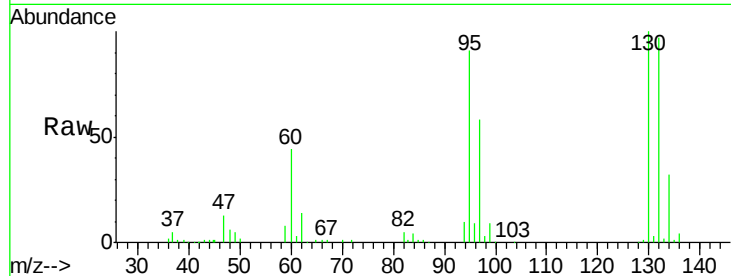
95 91.0 81.5 122.3

Manual Integrations

APPROVED

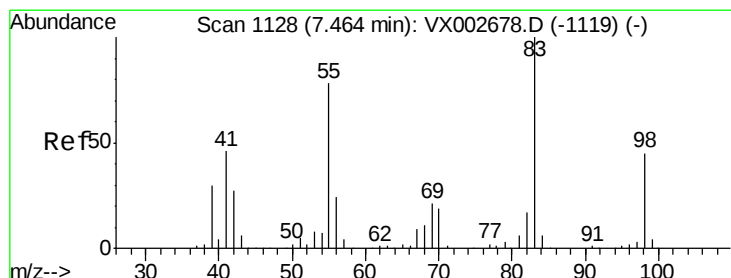
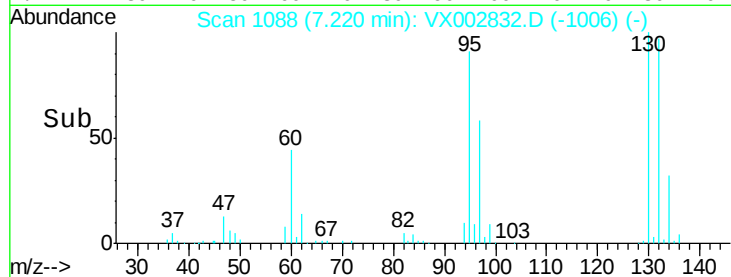
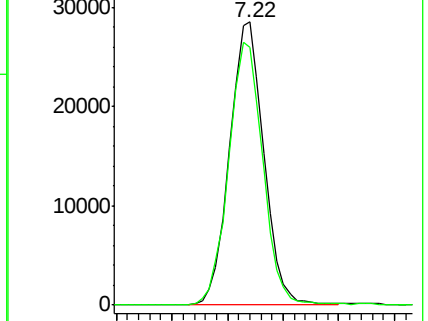
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.34 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

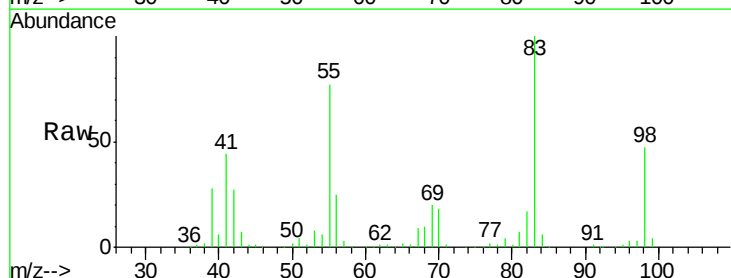
Tgt Ion: 83 Resp: 78902

Ion Ratio Lower Upper

83 100

55 80.3 40.6 121.8

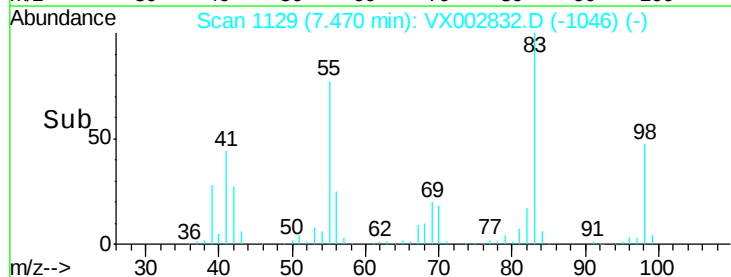
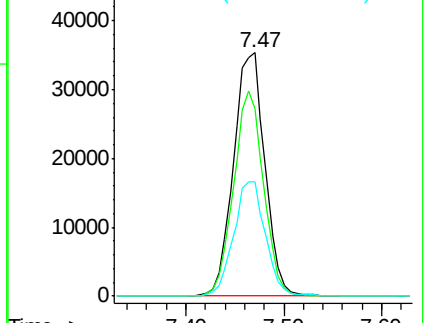
98 47.1 23.5 70.5

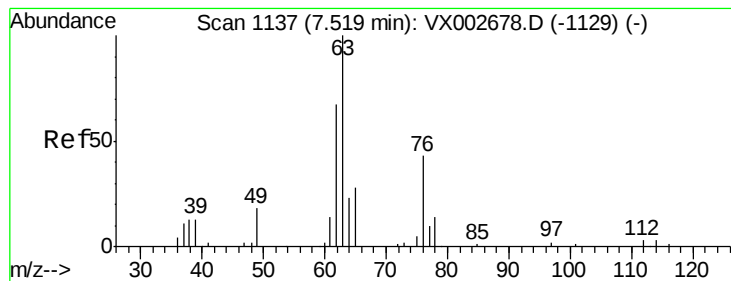


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.87 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0622WBS01

Tot Ion: 63 Resp: 54068

Ion Ratio Lower Upper

63 100

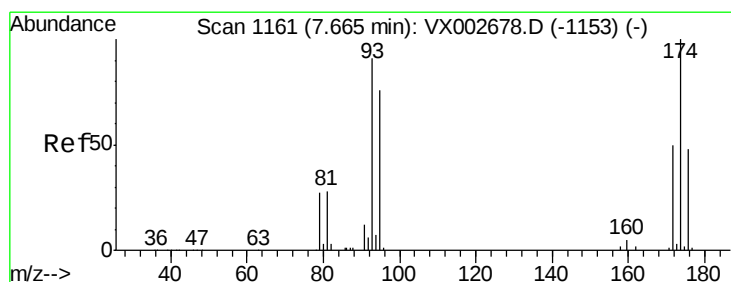
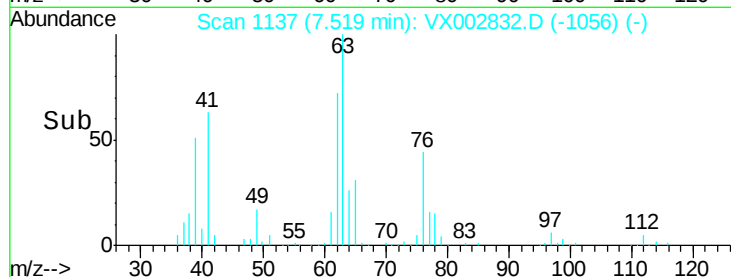
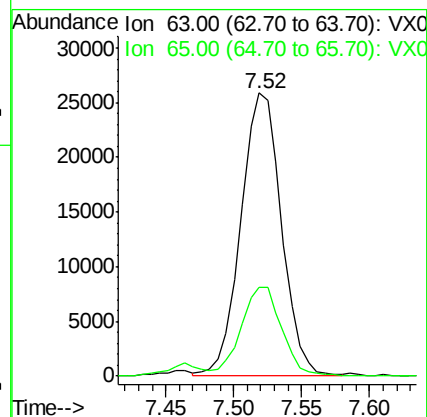
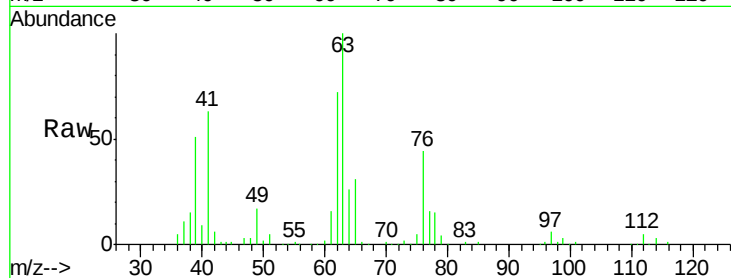
65 31.2 23.3 34.9

Manual Integrations

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#40

Dibromomethane

Concen: 21.08 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

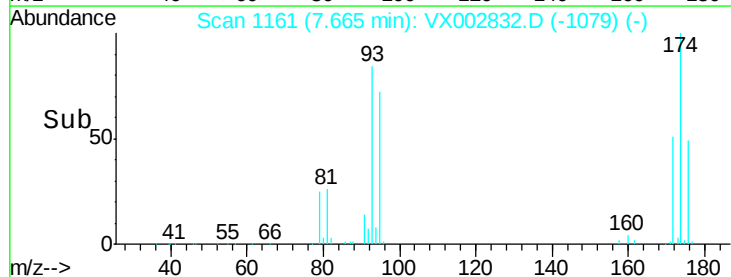
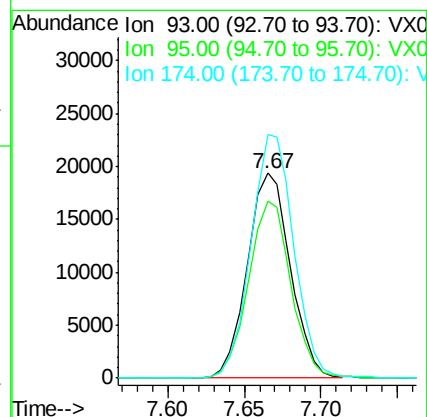
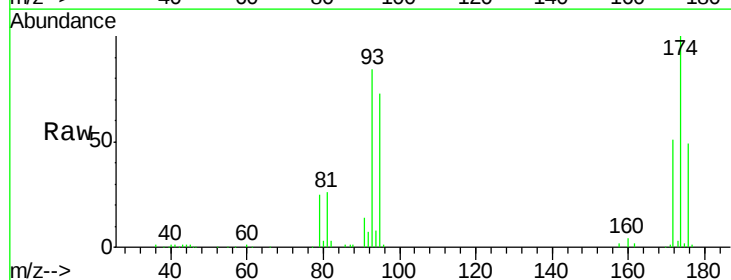
Tgt Ion: 93 Resp: 37954

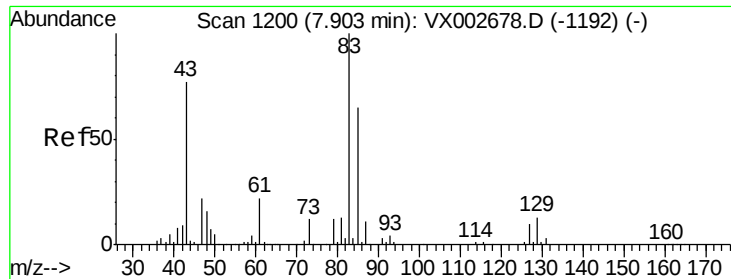
Ion Ratio Lower Upper

93 100

95 84.8 0.0 162.6

174 118.6 0.0 229.4





#41

Bromodichloromethane

Concen: 20.36 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

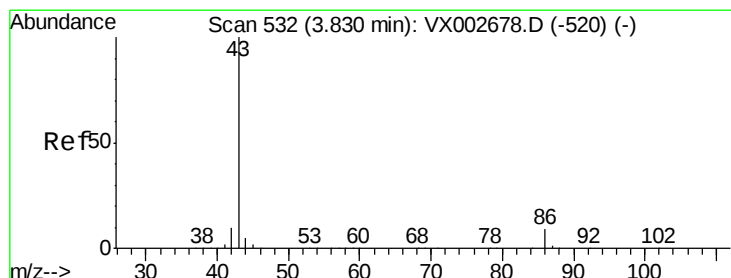
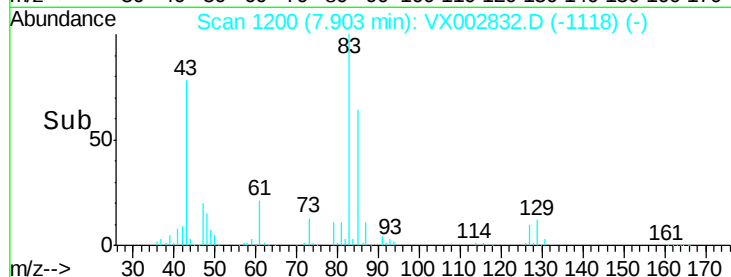
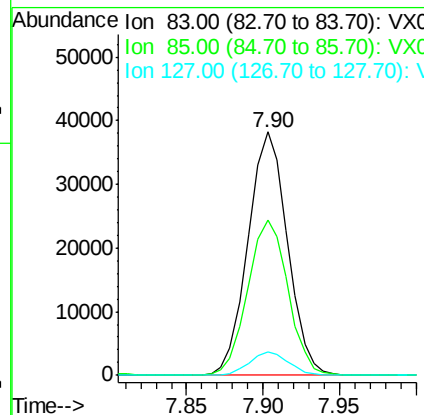
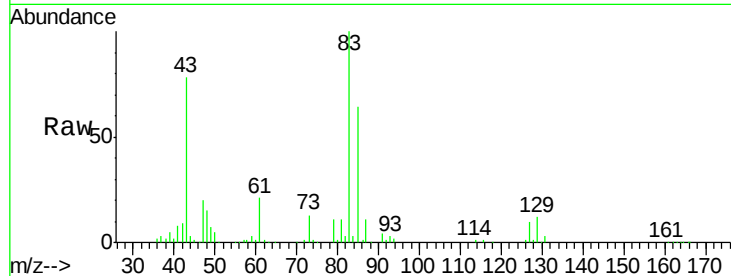
ClientSampleId :

VX0622WBS01

Tot Ion:	83	Resp:	68851
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.8	74.8
127	9.9	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 104.50 ug/l

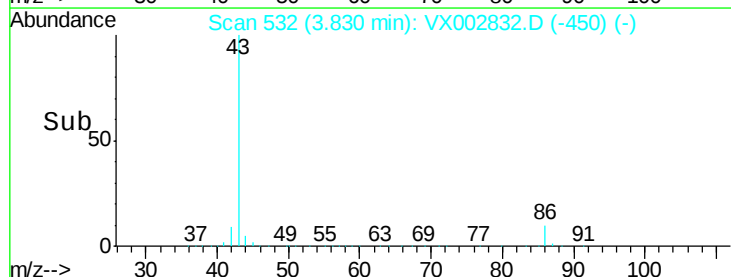
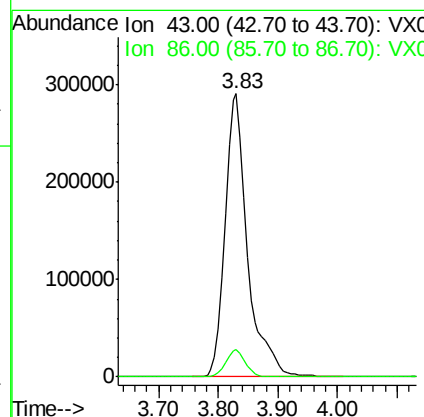
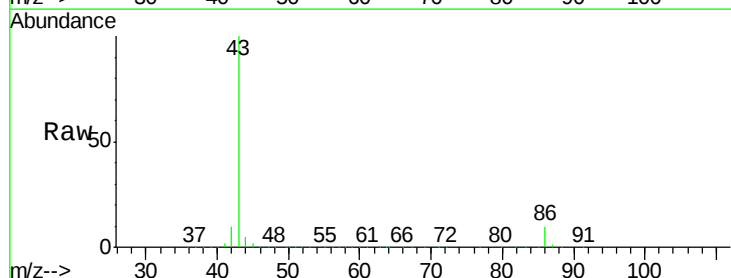
RT: 3.83 min Scan# 532

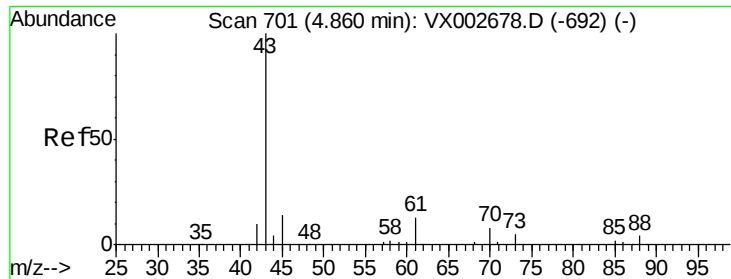
Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	43	Resp:	760628
Ion Ratio	Lower	Upper	
43	100		
86	8.3	6.7	10.1





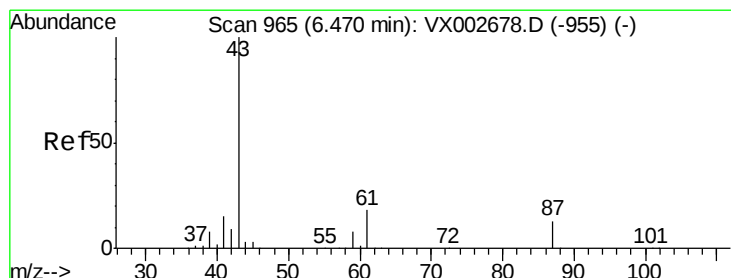
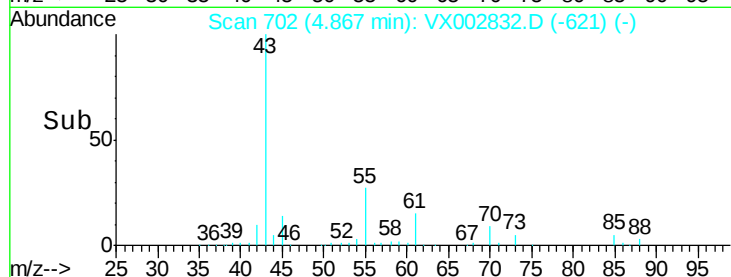
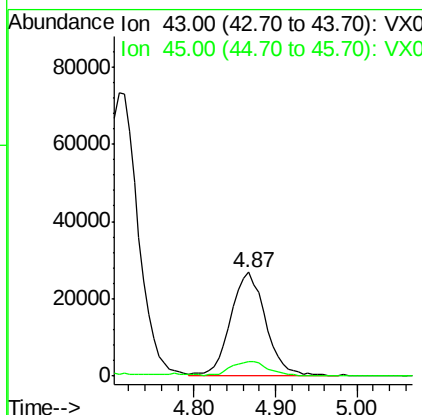
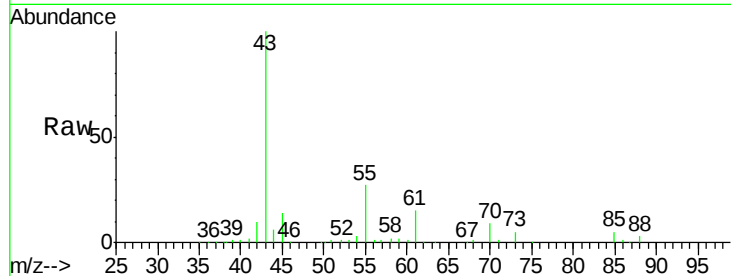
#43
Ethyl Acetate
Concen: 21.73 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampled :
VX0622WBS01

Tot Ion: 43 Resp: 79768
Ion Ratio Lower Upper
43 100
45 14.0 11.0 16.4

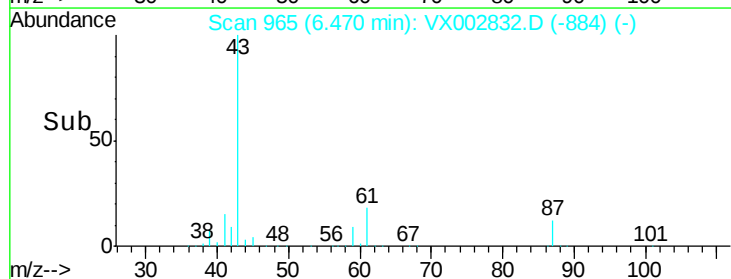
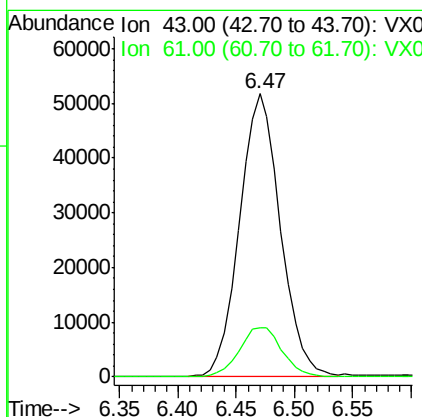
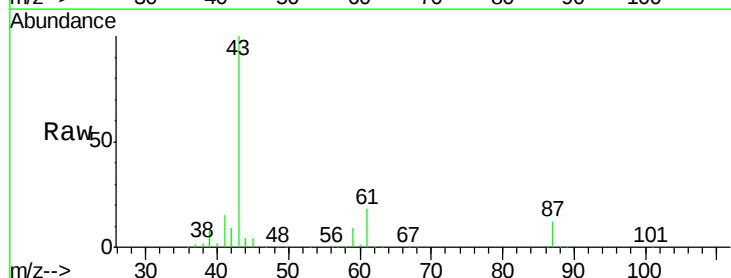
Manual Integrations
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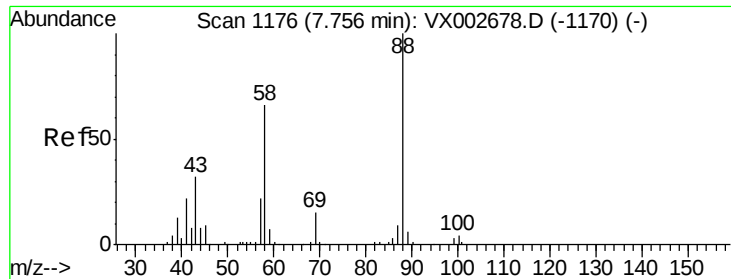
MMDadoda
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#44
Isopropyl Acetate
Concen: 20.35 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion: 43 Resp: 125156
Ion Ratio Lower Upper
43 100
61 18.5 14.5 21.7





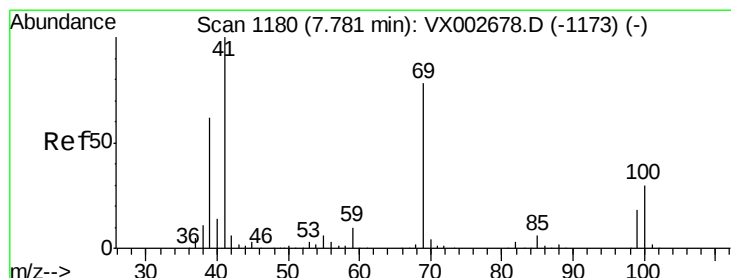
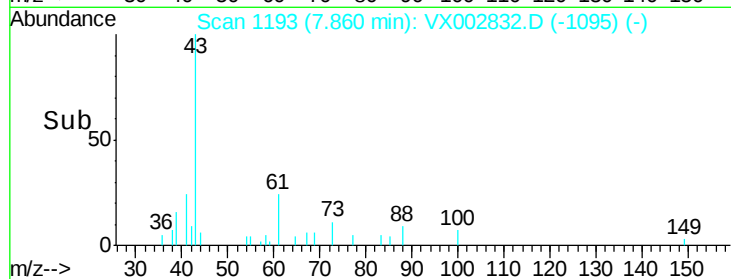
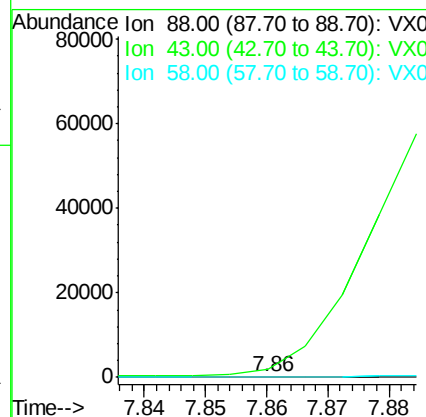
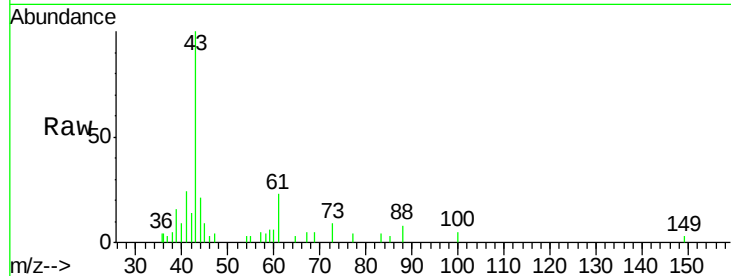
#45
1,4-Dioxane
Concen: 2.26 ug/l
RT: 7.86 min Scan# 1193
Delta R.T. 0.10 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	88	Resp	136
Ion Ratio	Lower	Upper	
88	100		
43	55.9	43.2	64.8
58	64.7	60.2	90.2

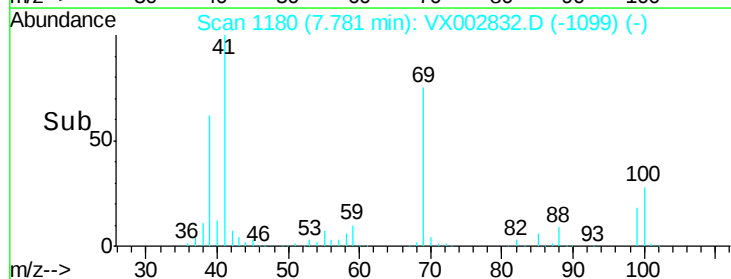
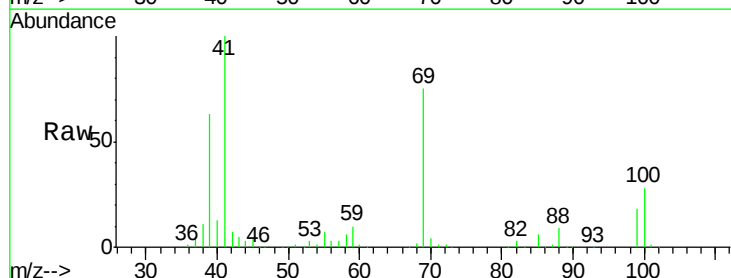
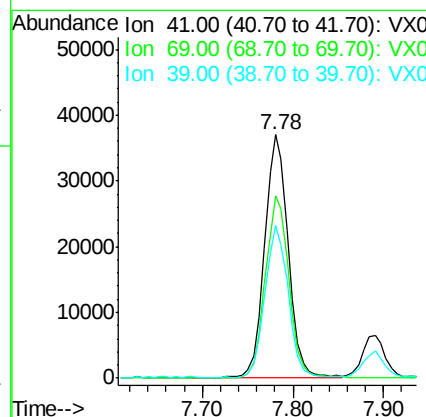
Manual Integrations
APPROVED

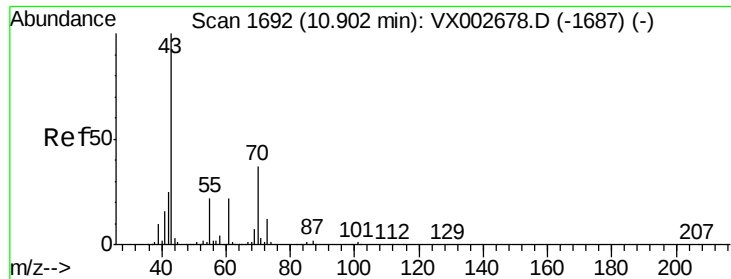
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#46
Methyl methacrylate
Concen: 20.95 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	41	Resp	65845
Ion Ratio	Lower	Upper	
41	100		
69	75.1	37.0	110.9
39	62.3	29.6	88.9





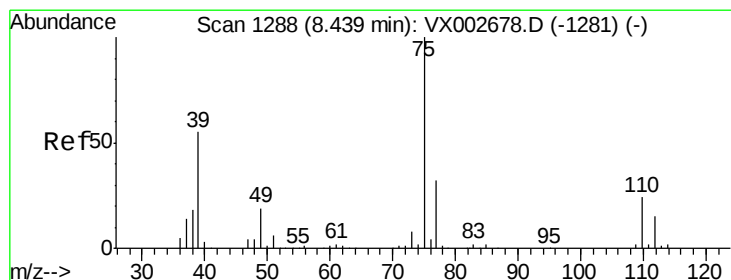
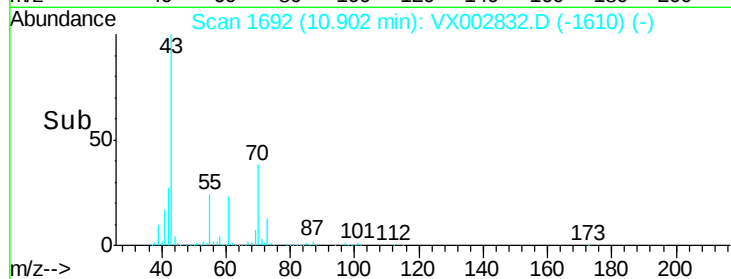
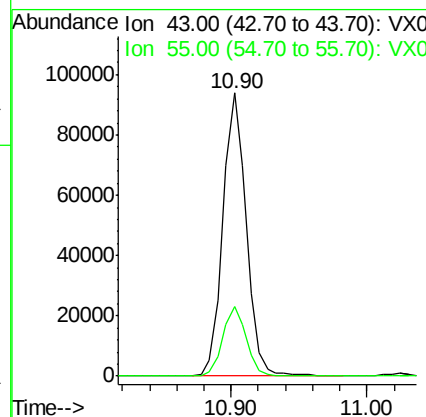
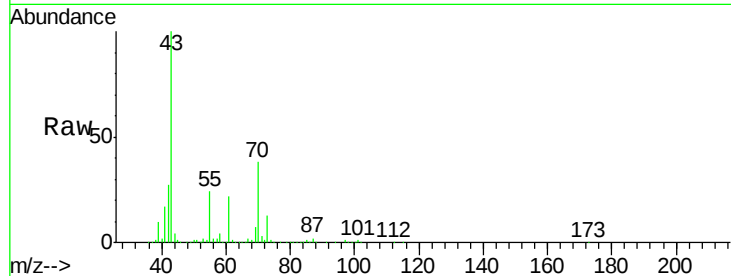
#47
n-amvl Acetate
Concen: 19.17 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion: 43 Resp: 111275
Ion Ratio Lower Upper
43 100
55 25.1 0.1 0.1#

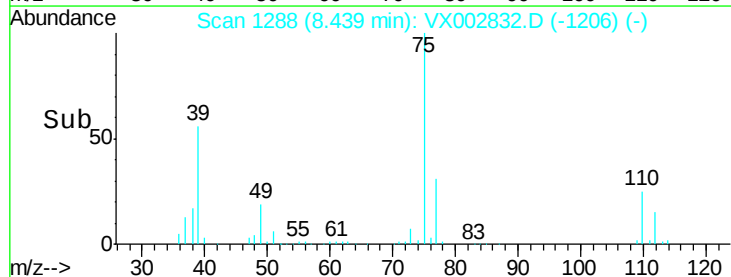
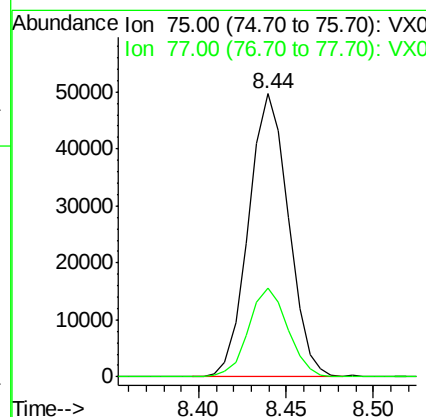
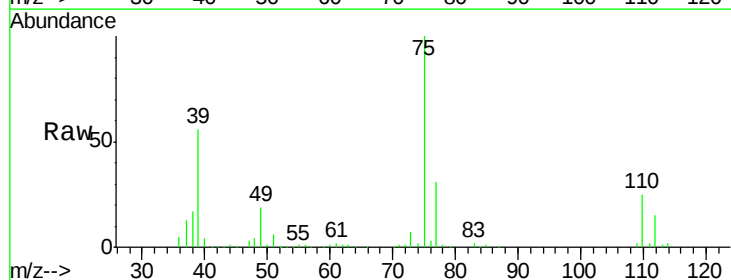
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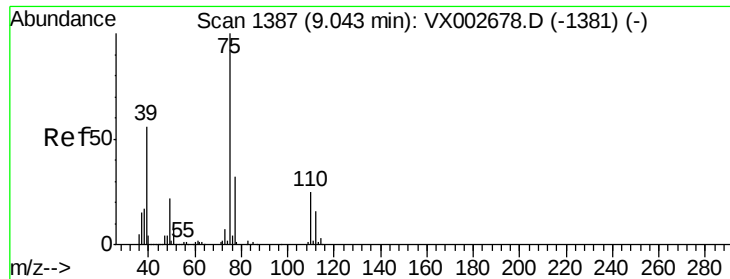
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#48
t-1,3-Dichloropropene
Concen: 19.88 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion: 75 Resp: 78939
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.11 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

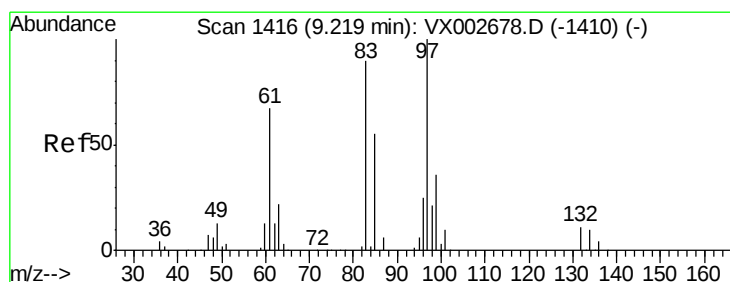
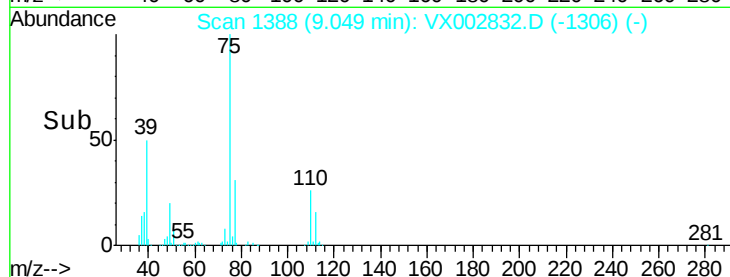
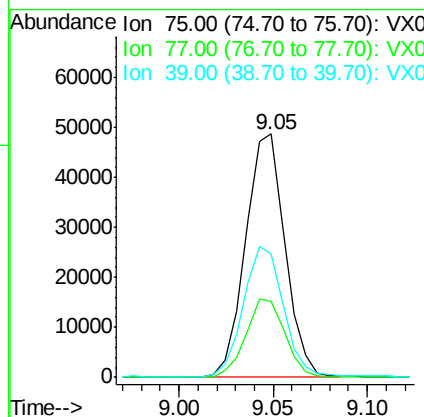
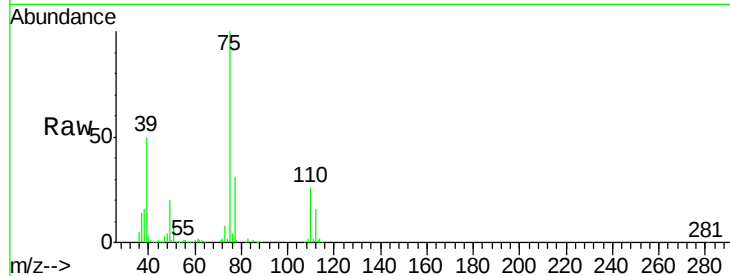
ClientSampleId :

VX0622WBS01

Tot Ion:	75	Resp:	70837
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.4	38.2
39	50.2	42.3	63.5

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 20.99 ug/l

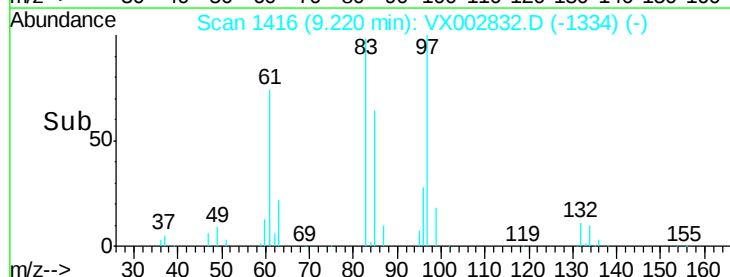
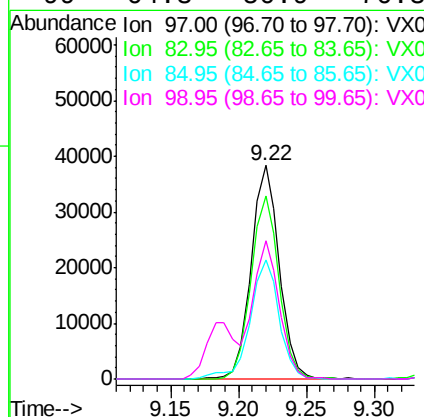
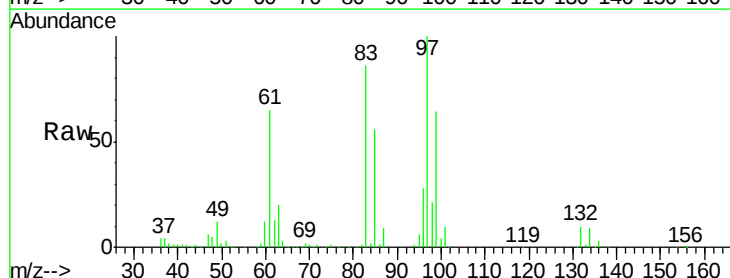
RT: 9.22 min Scan# 1416

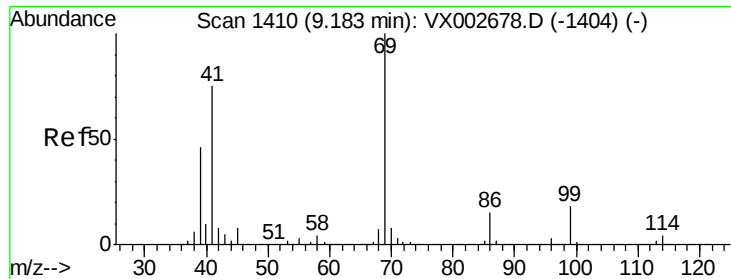
Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	97	Resp:	55737
Ion Ratio	Lower	Upper	
97	100		
83	85.9	70.8	106.2
85	55.9	43.5	65.3
99	64.3	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.85 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

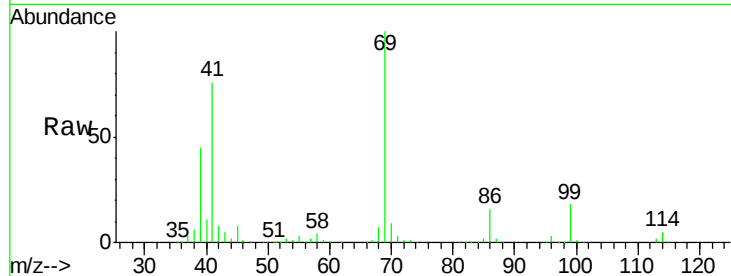
ClientSampleId :

VX0622WBS01

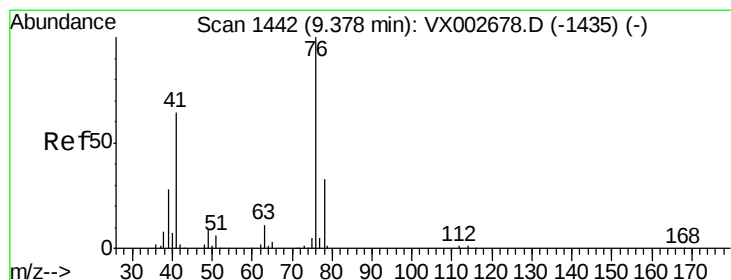
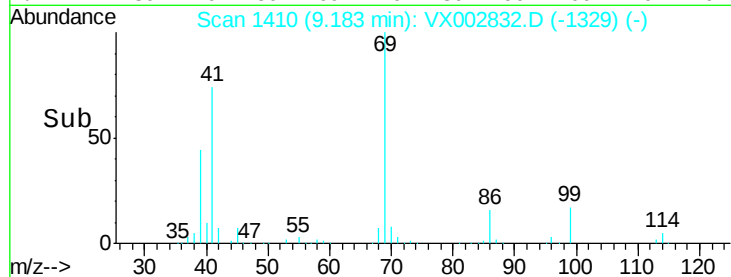
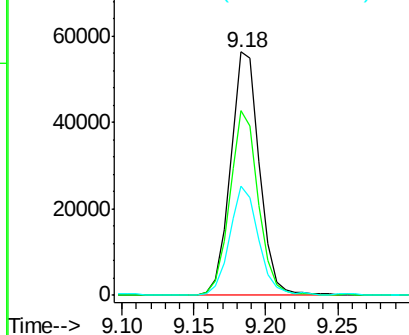
Tot Ion:	69	Resp:	79568
Ion Ratio	Lower	Upper	
69	100		
41	75.8	39.1	117.3
39	44.4	21.7	65.1

Manual Integrations
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Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.85 ug/l

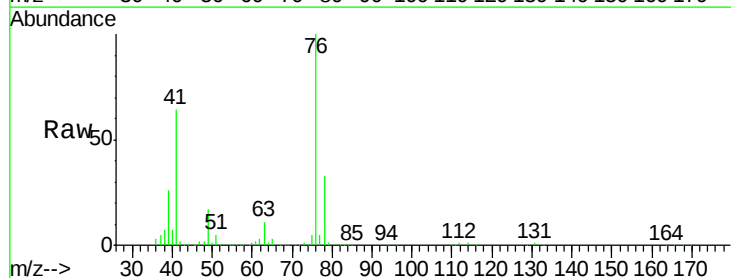
RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

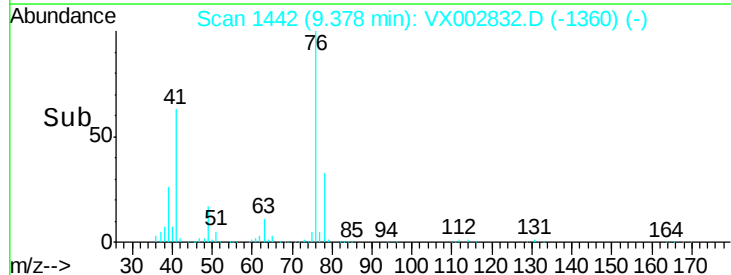
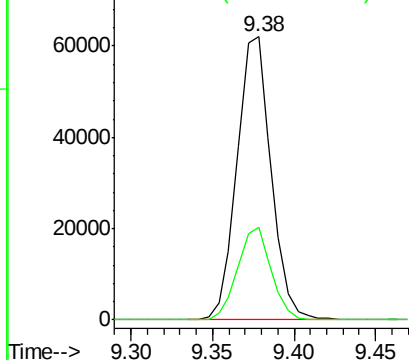
Lab File: VX002832.D

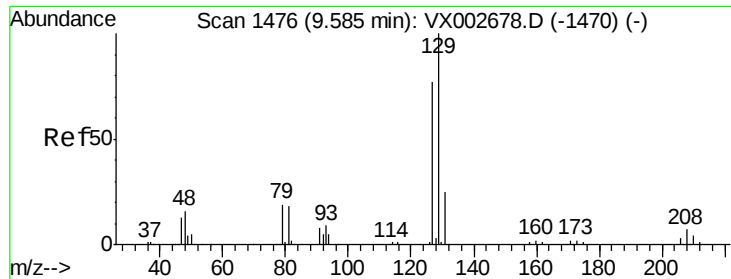
Acq: 22 Jun 2018 13:48

Tgt Ion:	76	Resp:	90414
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





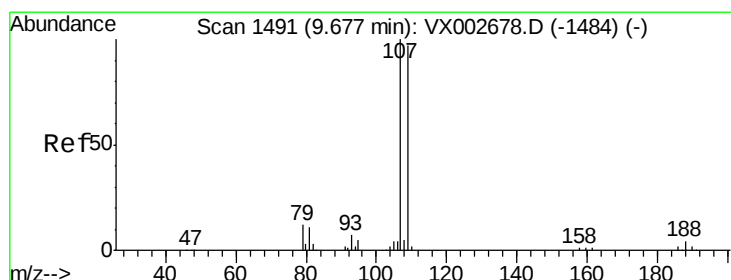
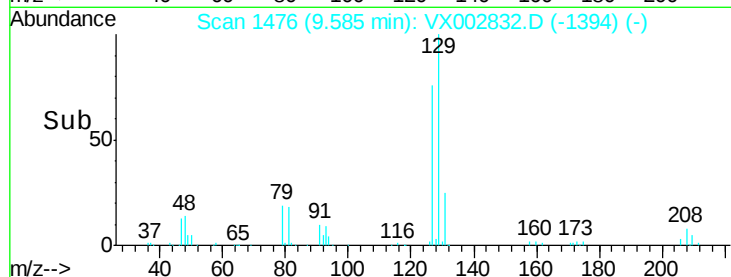
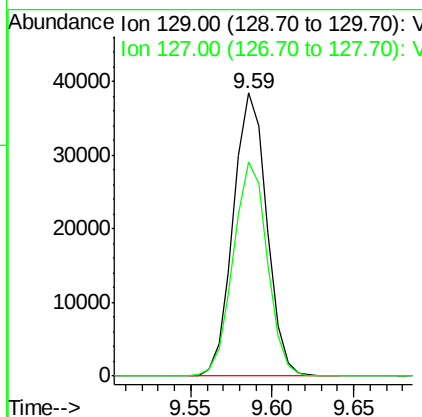
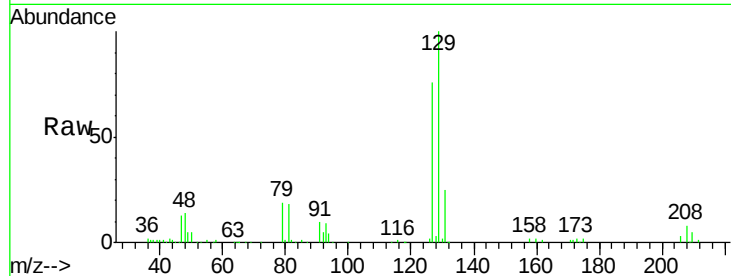
#53
 Dibromochloromethane
 Concen: 19.55 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3

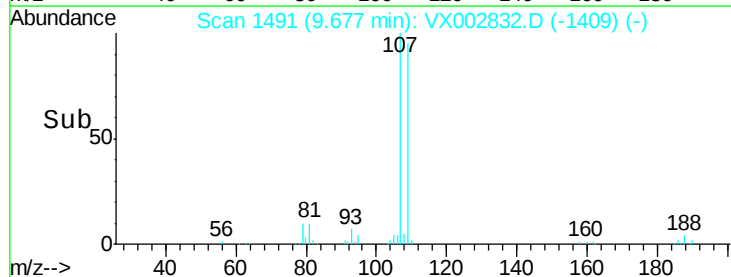
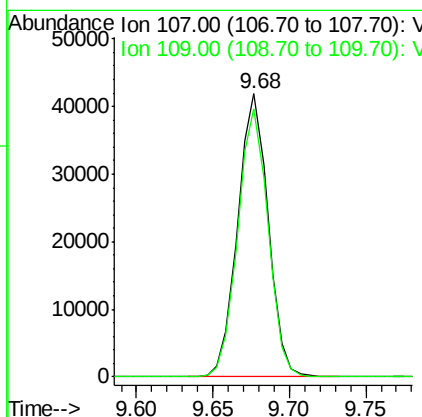
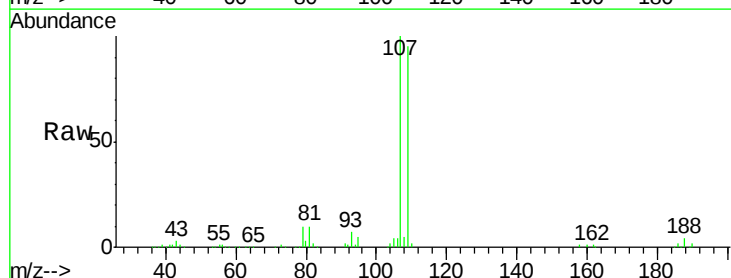
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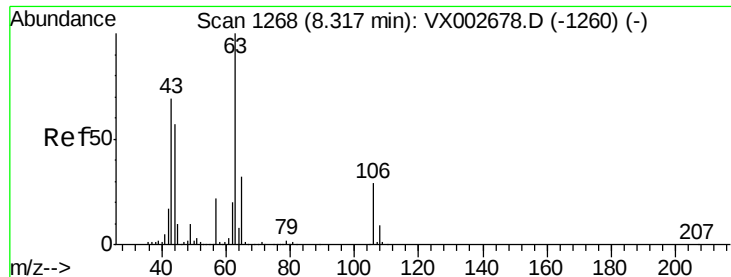
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#54
 1,2-Dibromoethane
 Concen: 20.68 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.5	113.3





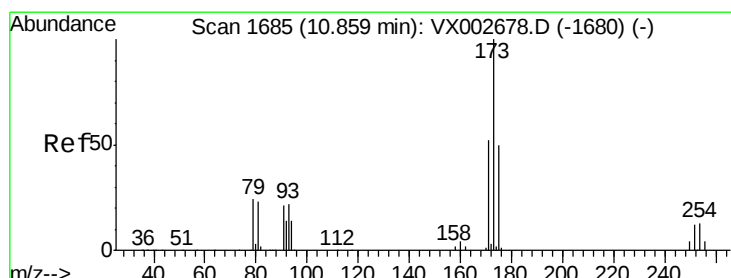
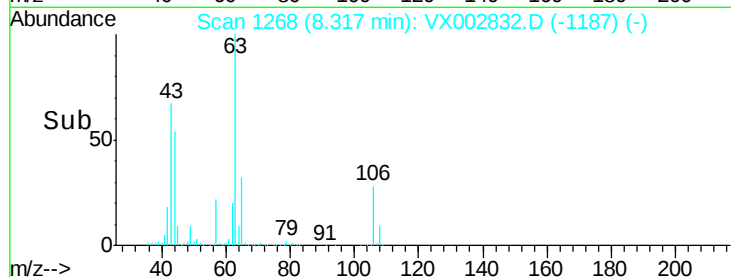
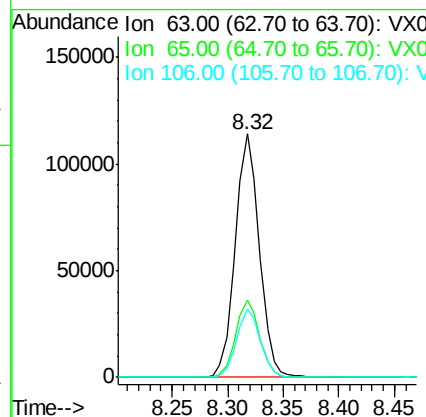
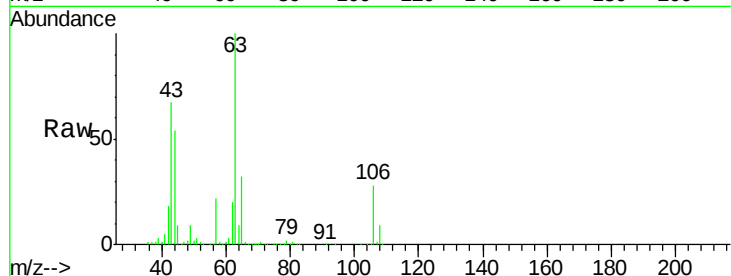
#55
 2-Chloroethyl vinyl ether
 Concen: 89.69 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.6	38.4
106	28.0	21.6	32.4

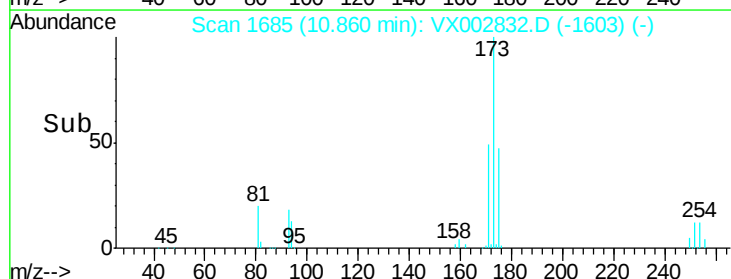
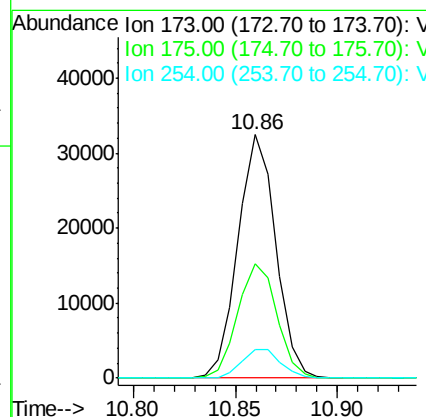
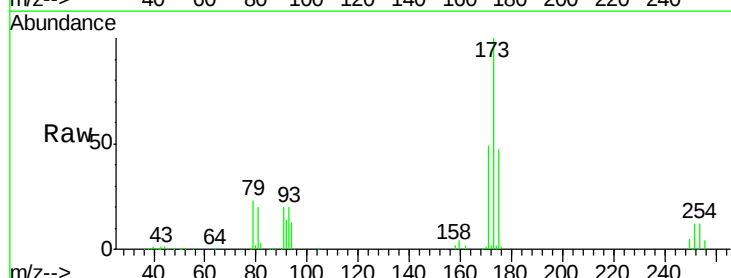
Manual Integrations
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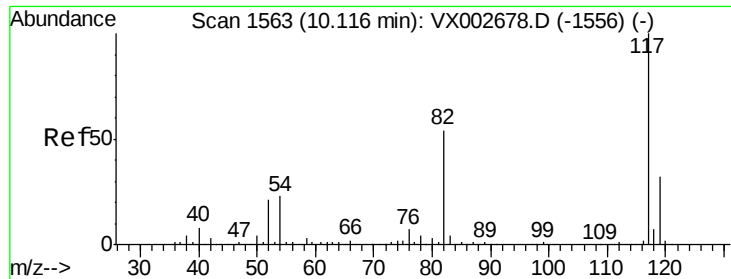
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#56
 Bromoform
 Concen: 18.58 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	12.5	9.6	14.4





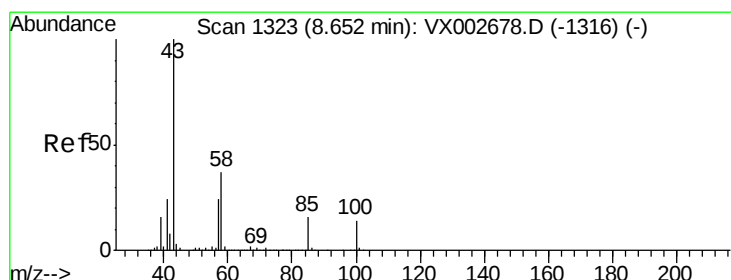
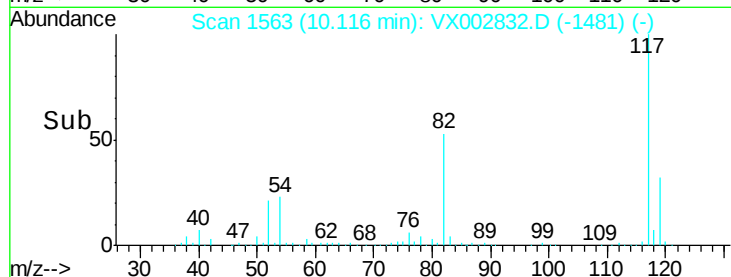
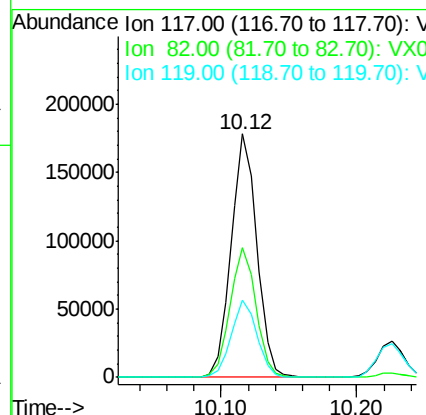
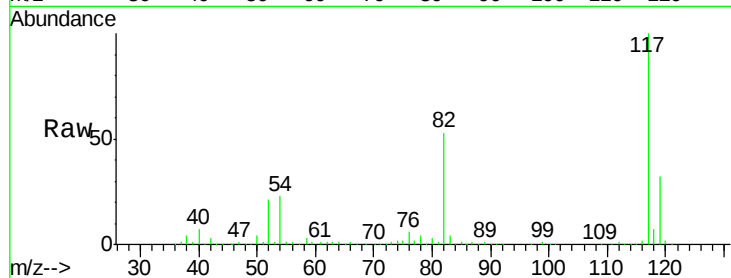
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.3	66.5
119	31.7	25.7	38.5

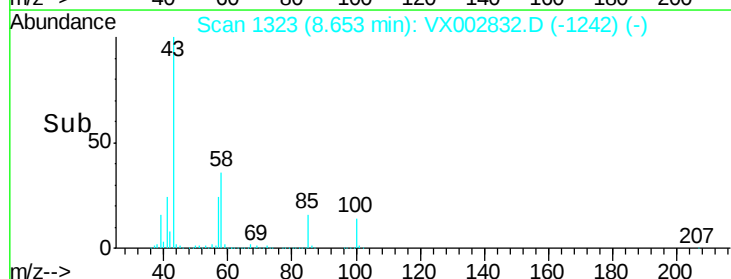
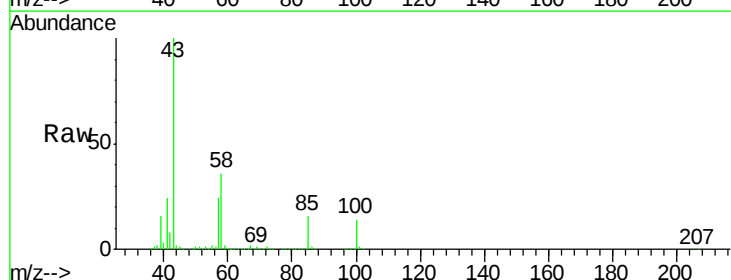
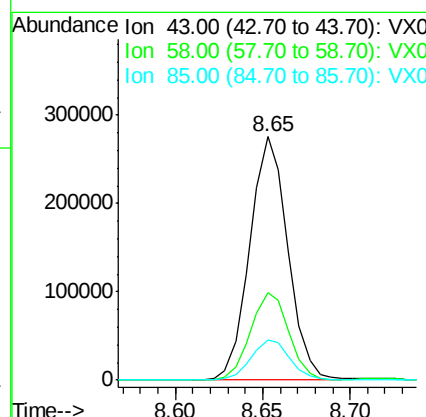
Manual Integrations
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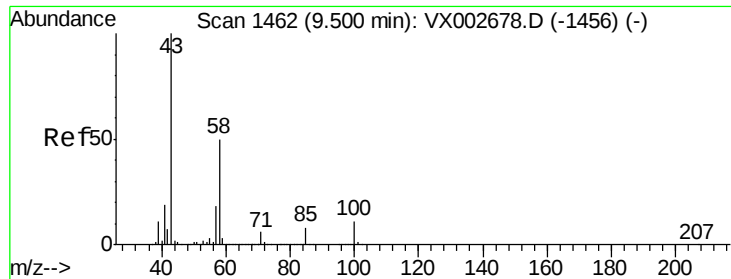
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 105.56 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.2	42.4
85	16.9	12.4	18.6





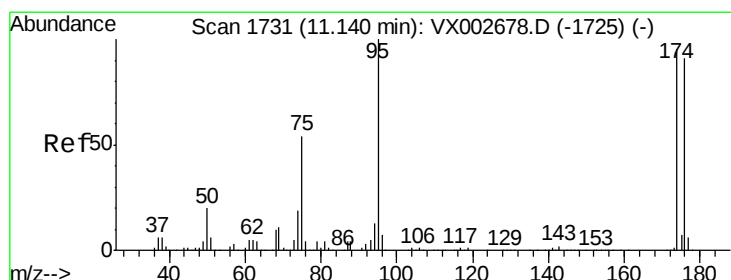
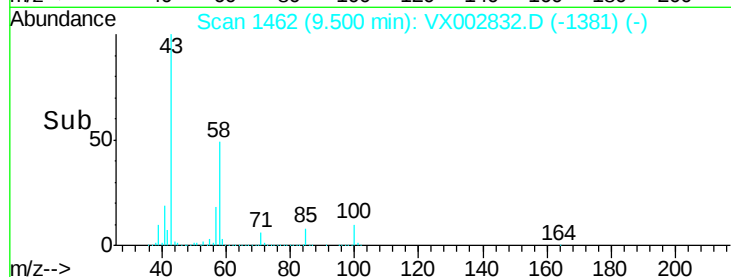
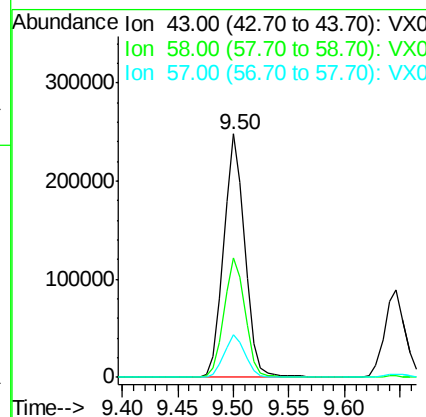
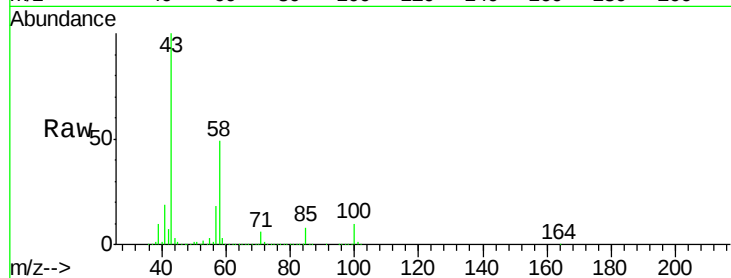
#59
2-Hexanone
Concen: 106.83 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	324227		
58	49.4		39.6	59.4
57	17.6		14.1	21.1

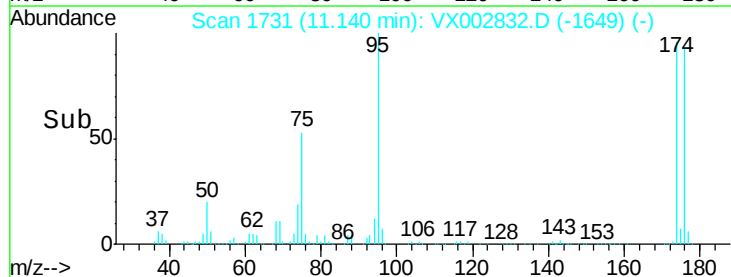
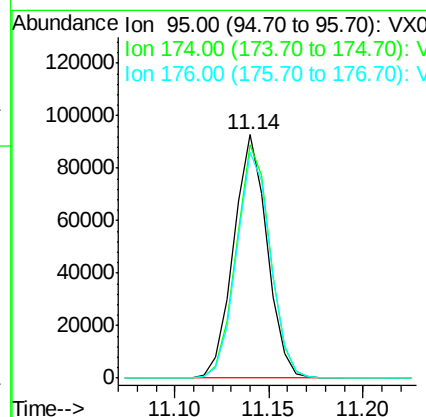
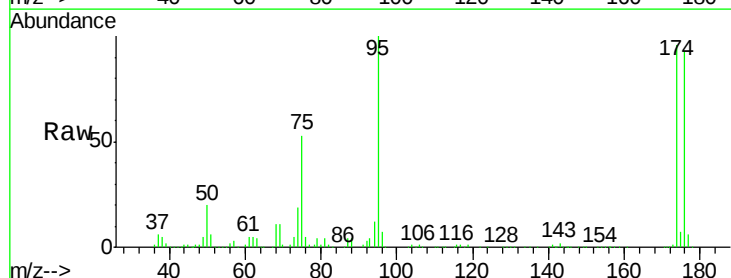
Manual Integrations
APPROVED

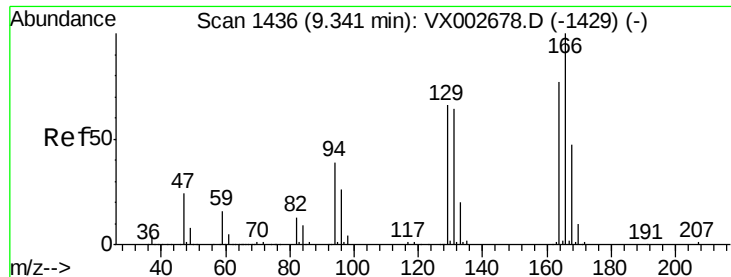
MMDadoda
6/25/2018 6:56:05 PM



#60
4-Bromofluorobenzene
Concen: 29.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	114582		
174	96.5		71.8	107.6
176	93.8		70.1	105.1





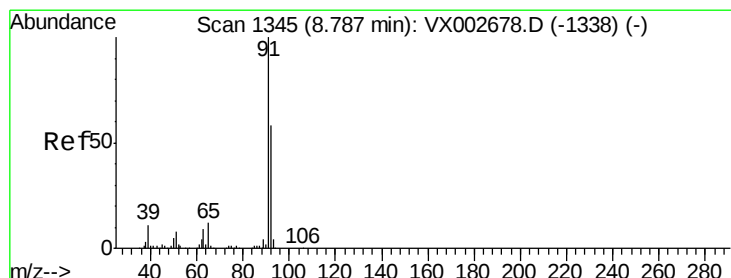
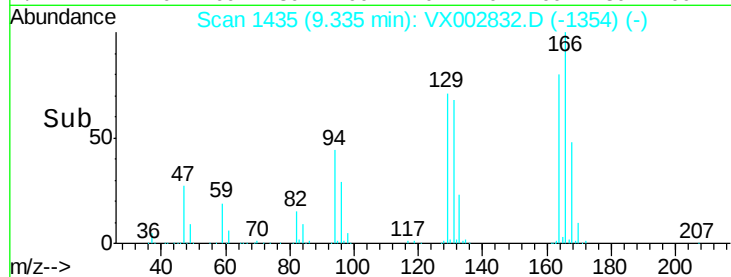
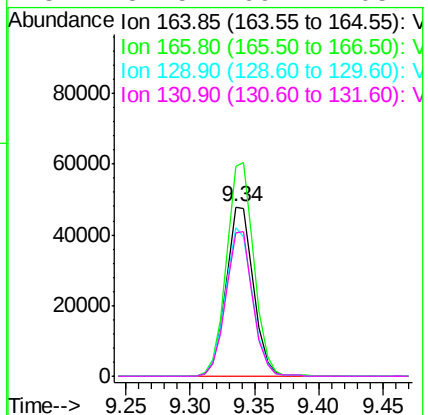
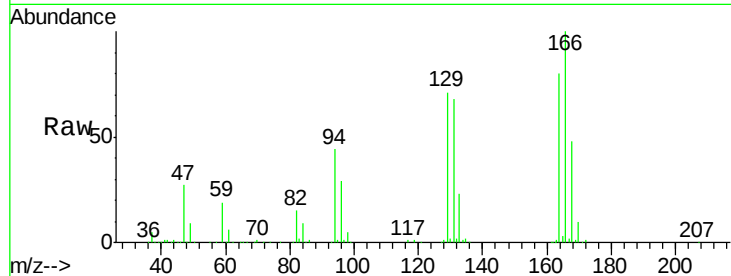
#61
Tetrachloroethene
Concen: 22.22 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.4	153.6
129	87.9	70.1	105.1
131	84.5	69.1	103.7

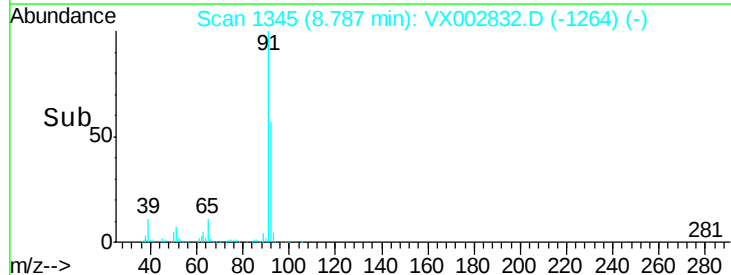
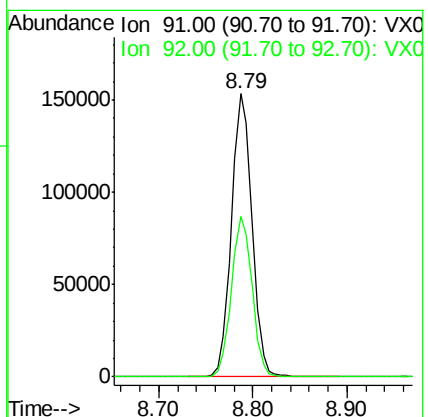
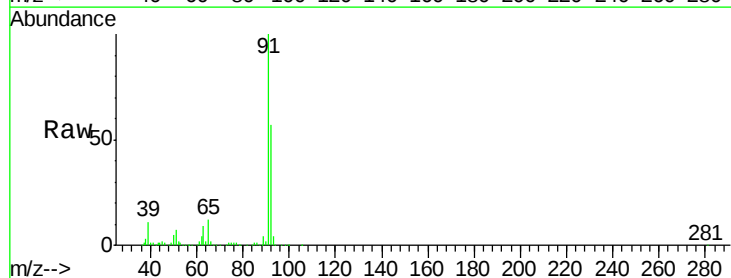
Manual Integrations
APPROVED

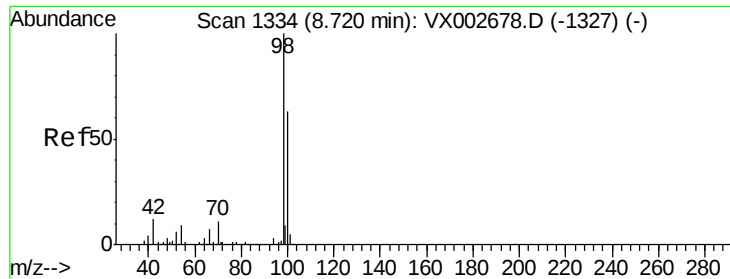
MMDadoda
6/25/2018 6:56:05 PM



#62
Toluene
Concen: 20.66 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.8	46.5	69.7





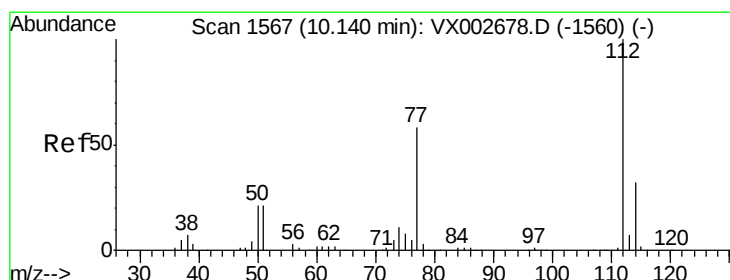
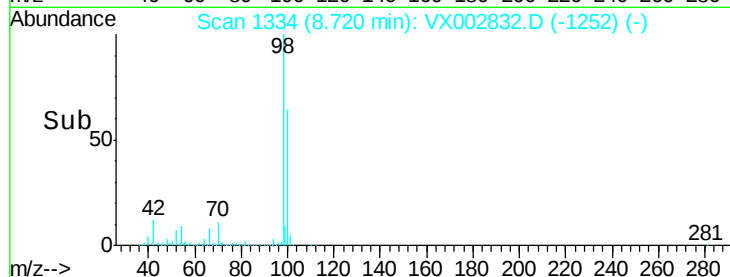
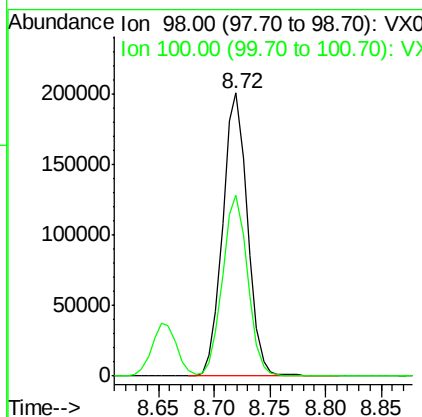
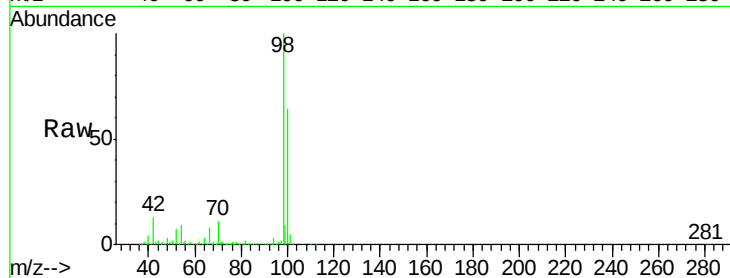
#63
Toluene-d8
Concen: 30.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion: 98 Resp: 310351
Ion Ratio Lower Upper
98 100
100 64.3 50.8 76.2

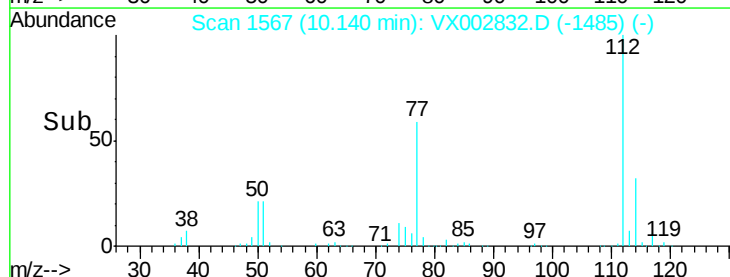
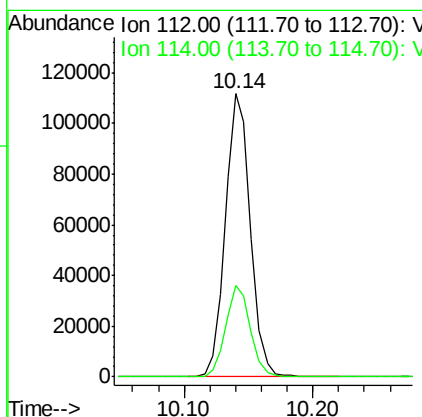
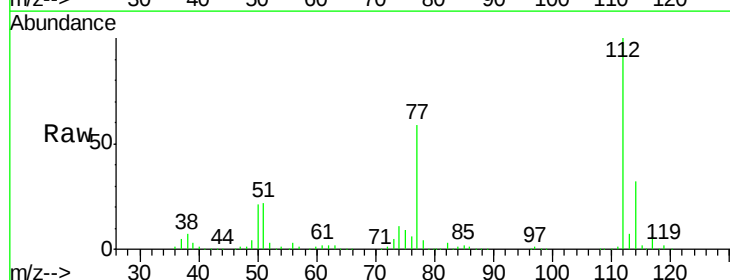
Manual Integrations
APPROVED

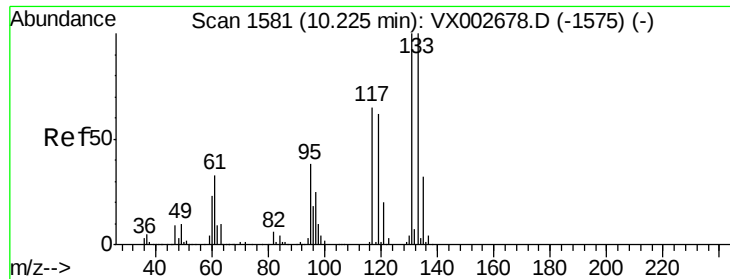
MMDadoda
6/25/2018 6:56:05 PM



#64
Chlorobenzene
Concen: 20.31 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion: 112 Resp: 152130
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.65 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

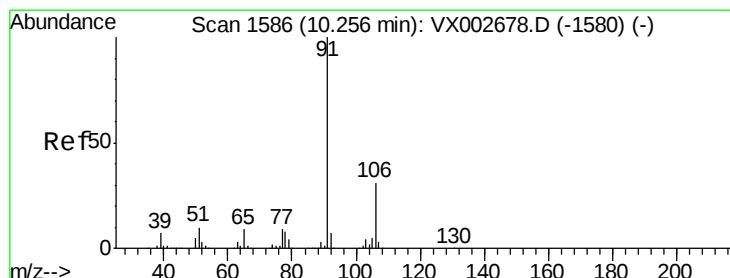
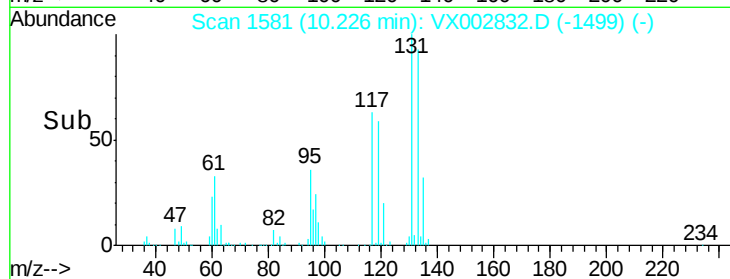
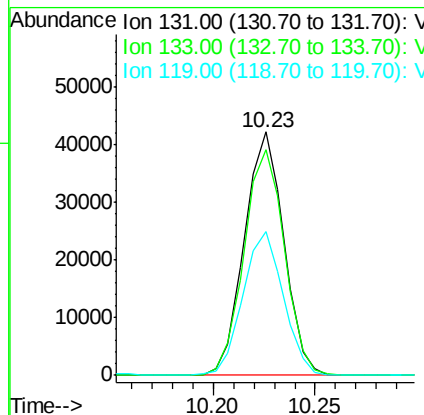
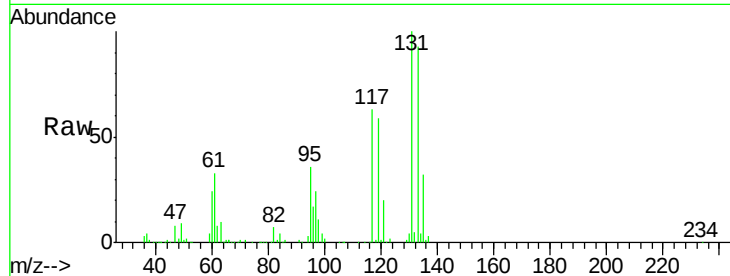
ClientSampleId :

VX0622WBS01

Tot Ion:	131	Resp:	56691
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	191.2
119	60.5	0.0	125.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.12 ug/l

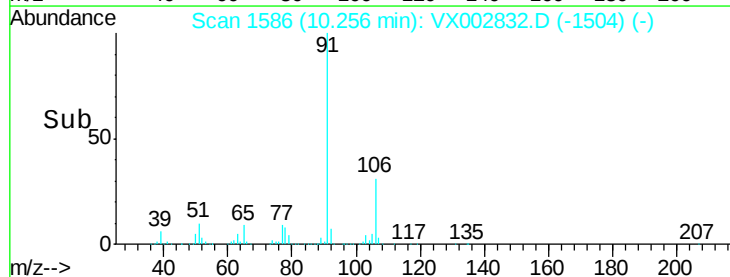
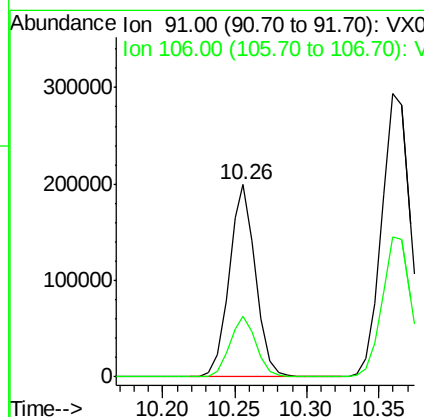
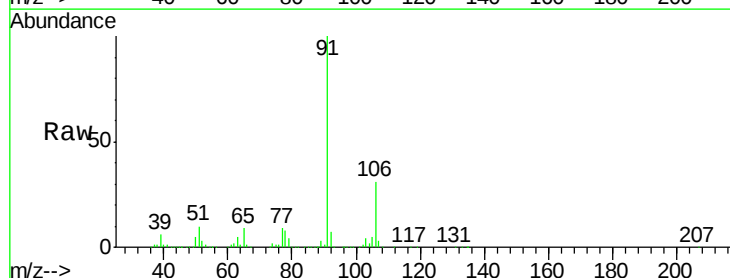
RT: 10.26 min Scan# 1586

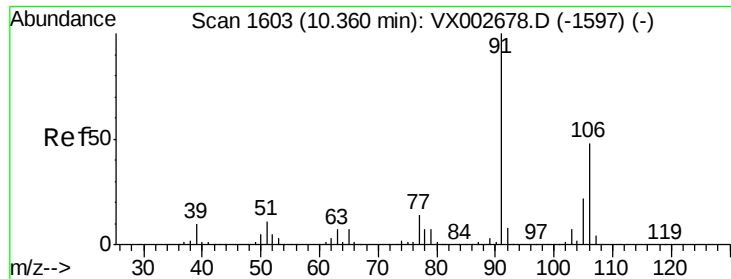
Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	91	Resp:	255375
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.2	37.8





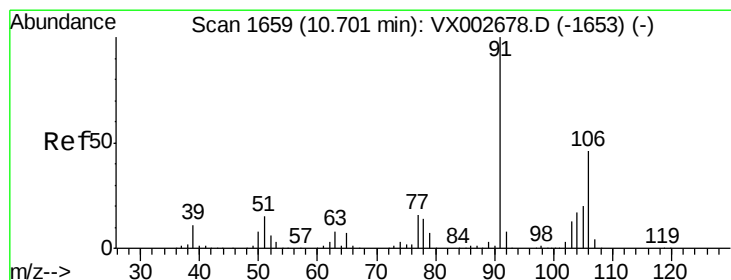
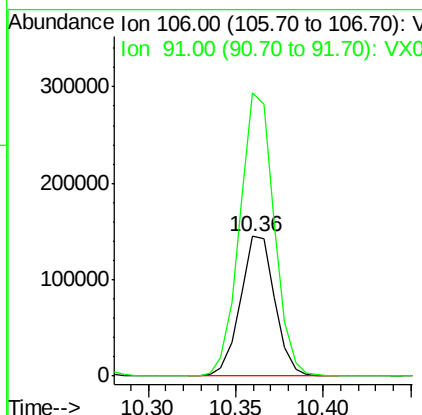
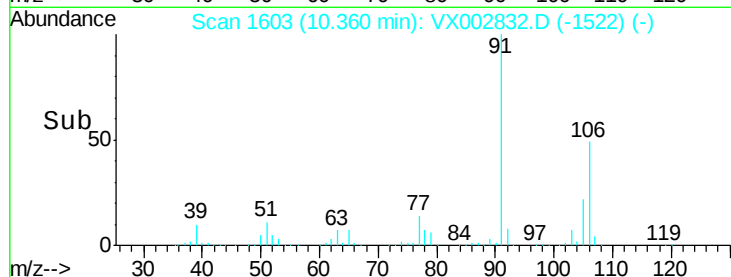
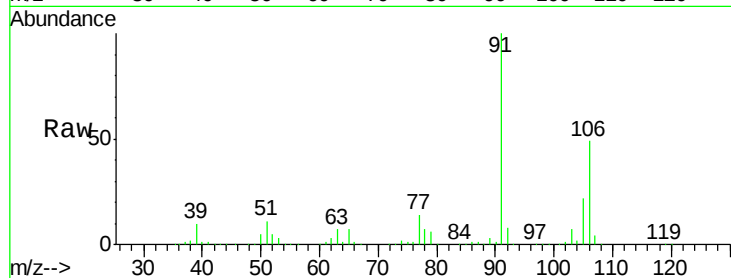
#67
m/p-Xvlenes
Concen: 40.29 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion:106 Resp: 198762
Ion Ratio Lower Upper
106 100
91 202.0 164.1 246.1

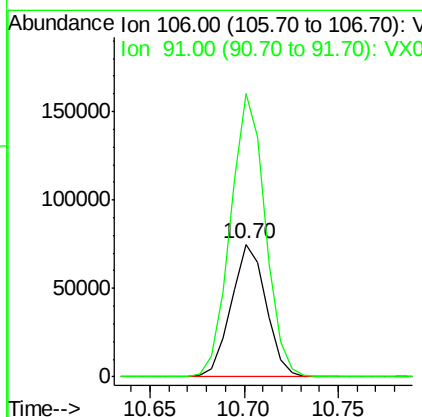
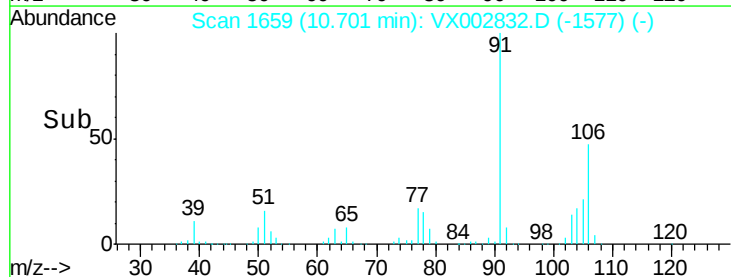
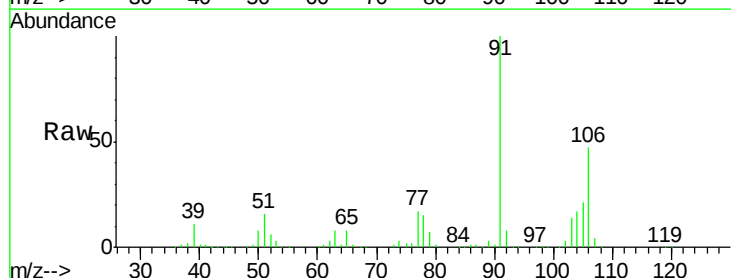
Manual Integrations
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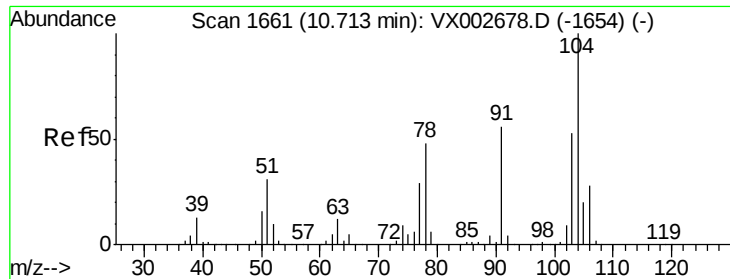
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#68
o-Xylene
Concen: 19.99 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion:106 Resp: 96058
Ion Ratio Lower Upper
106 100
91 213.7 109.1 327.3





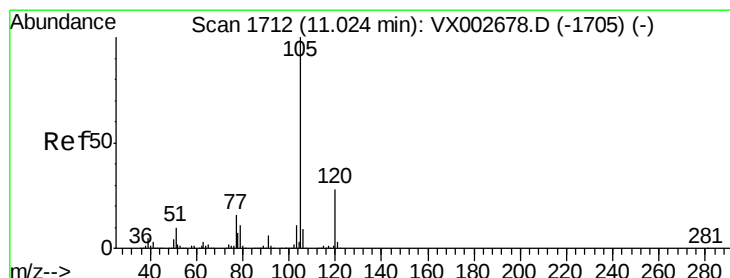
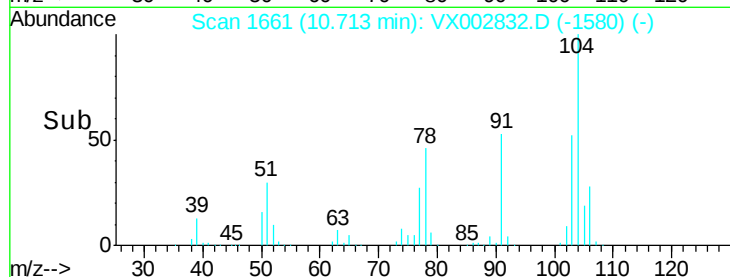
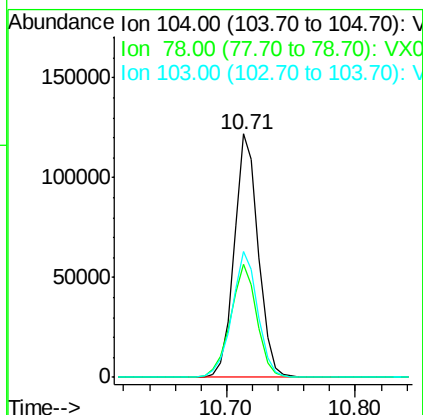
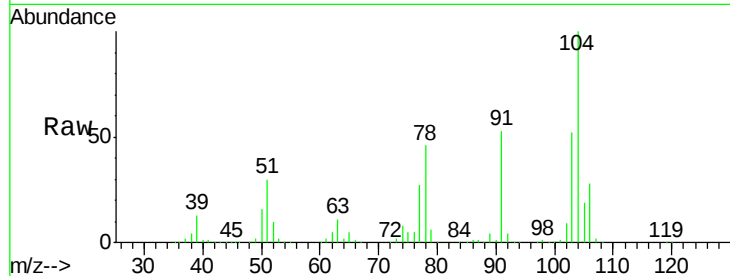
#69
Stvrene
Concen: 19.73 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.2	41.8	62.8
103	55.5	44.9	67.3

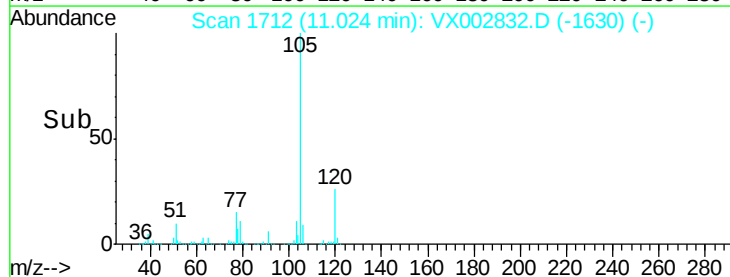
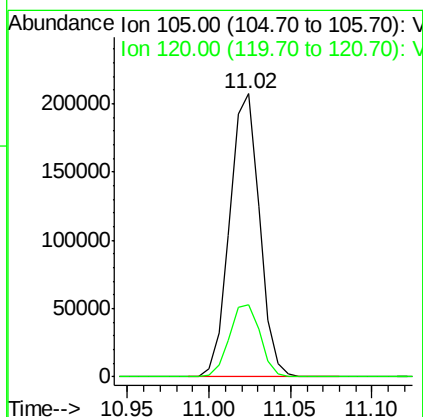
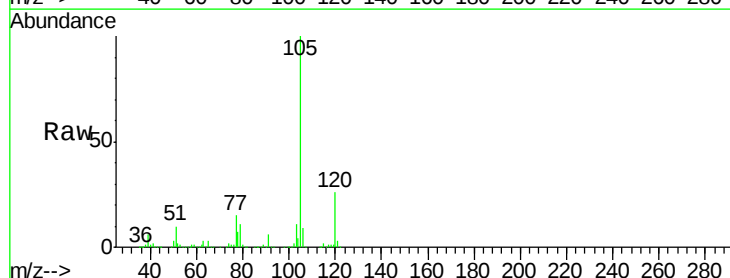
Manual Integrations
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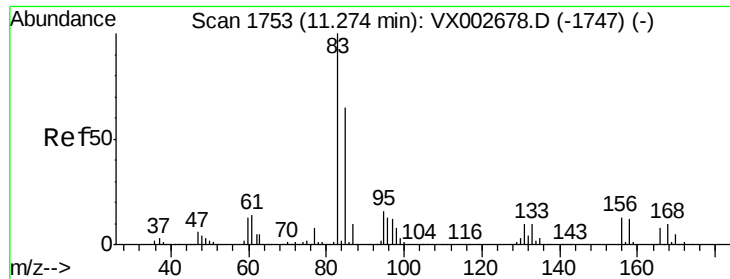
MMDadoda
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#70
Isopropylbenzene
Concen: 19.93 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.0	35.2





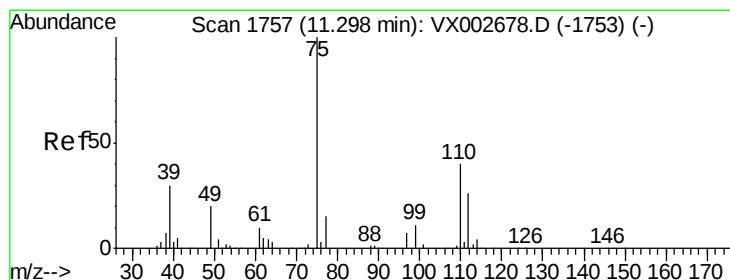
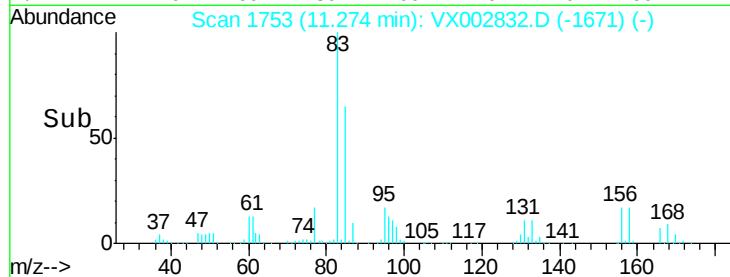
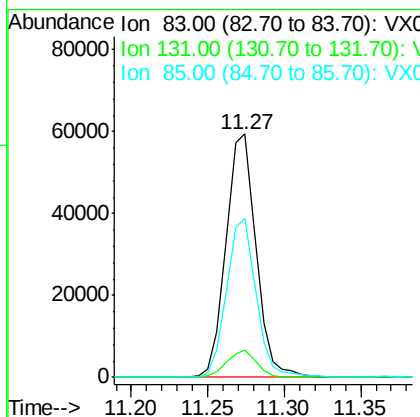
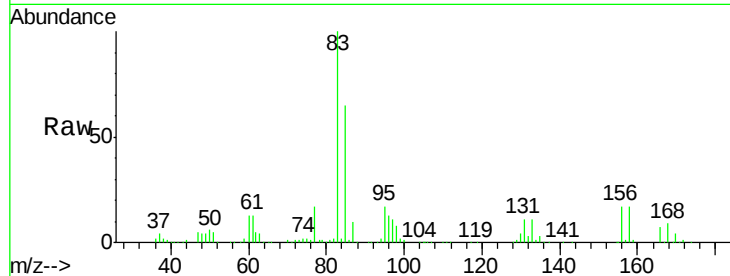
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.39 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.4	16.2
85	64.4	32.4	97.2

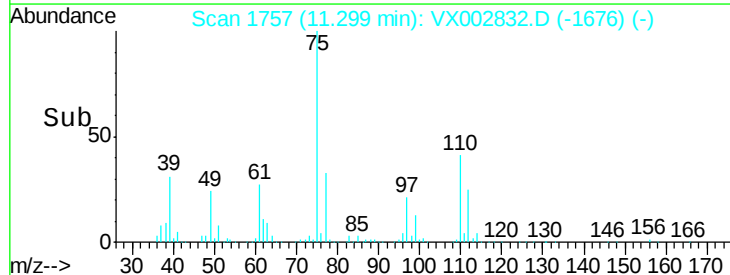
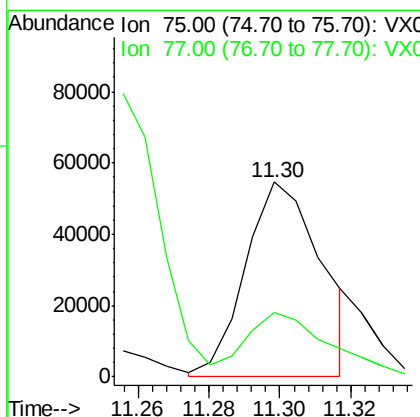
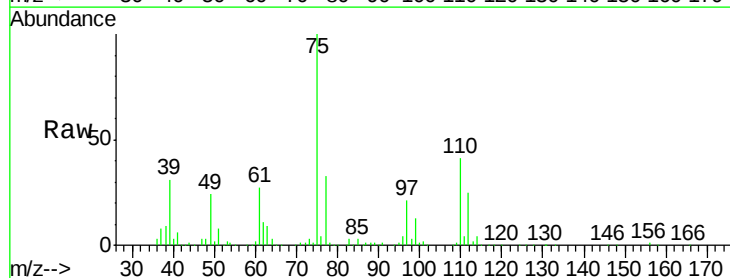
Manual Integrations
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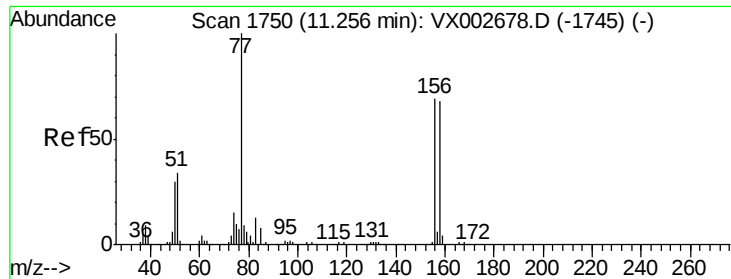
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#72
 1,2,3-Trichloropropane
 Concen: 23.72 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.1	0.0	71.8





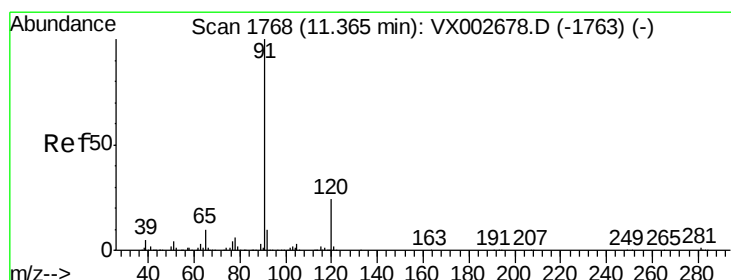
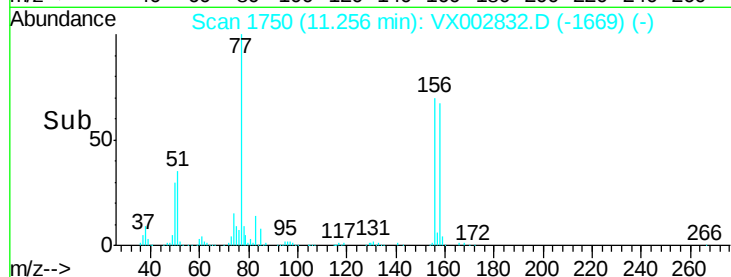
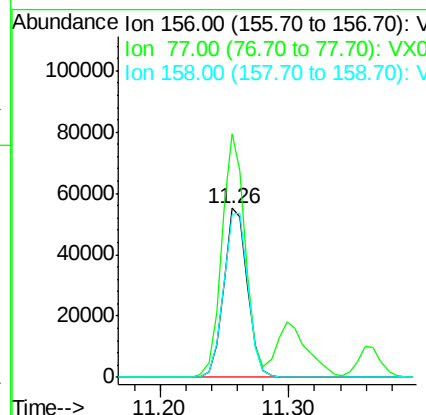
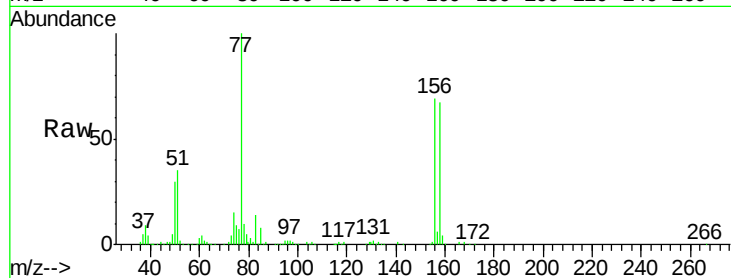
#73
Bromobenzene
Concen: 19.47 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.2	0.0	301.0
158	100.2	0.0	196.2

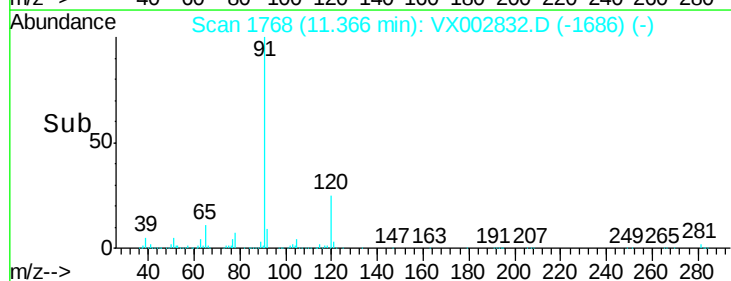
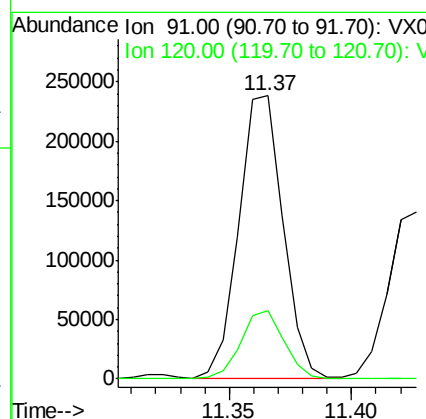
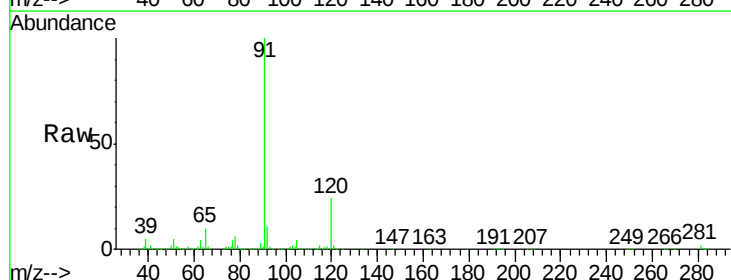
Manual Integrations
APPROVED

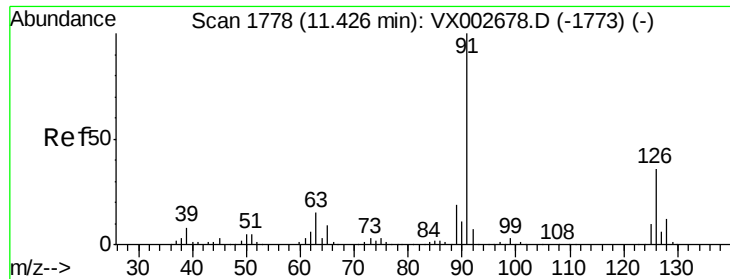
MMDadoda
6/25/2018 6:56:05 PM



#74
n-propylbenzene
Concen: 19.55 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.30 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0622WBS01

Tot Ion: 91 Resp: 181733

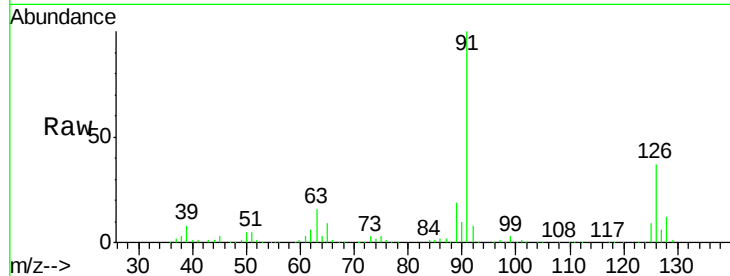
Ion Ratio Lower Upper

91 100

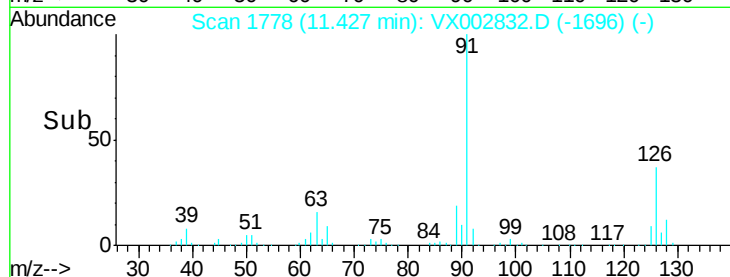
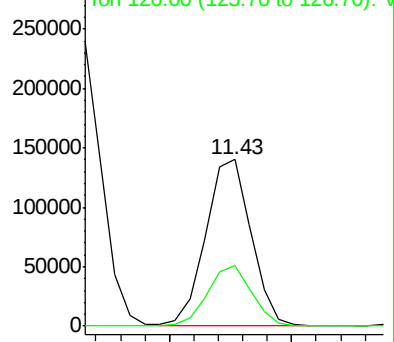
126 35.2 0.0 69.4

Manual Integrations
APPROVED

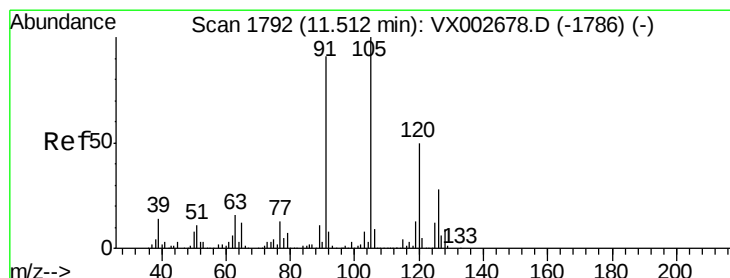
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Abundance Ion 91.00 (90.70 to 91.70): VX002832.D (-1696) (-)



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.68 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002832.D

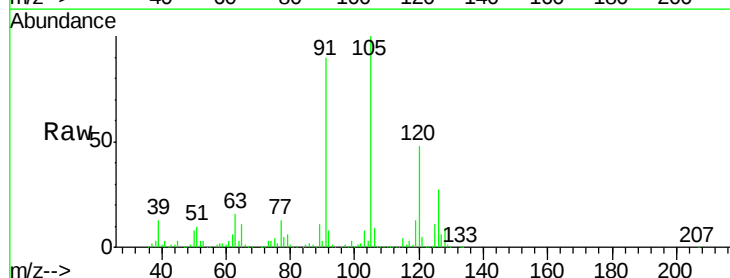
Acq: 22 Jun 2018 13:48

Tgt Ion: 105 Resp: 221406

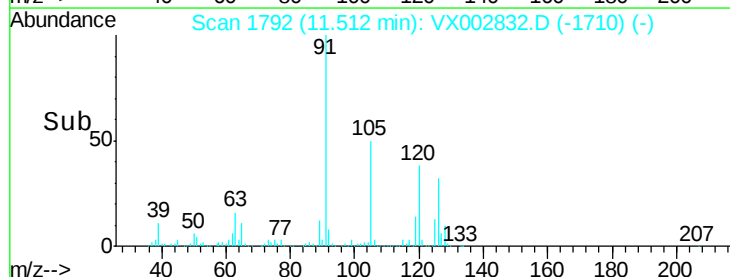
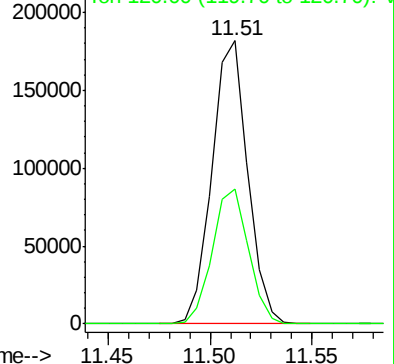
Ion Ratio Lower Upper

105 100

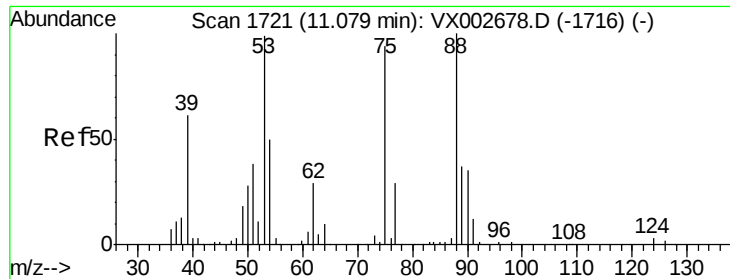
120 48.4 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX002832.D (-1710) (-)



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 16.90 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 75 Resp: 18663

Ion Ratio Lower Upper

75 100

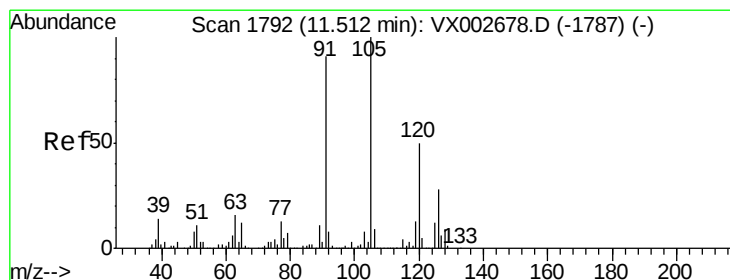
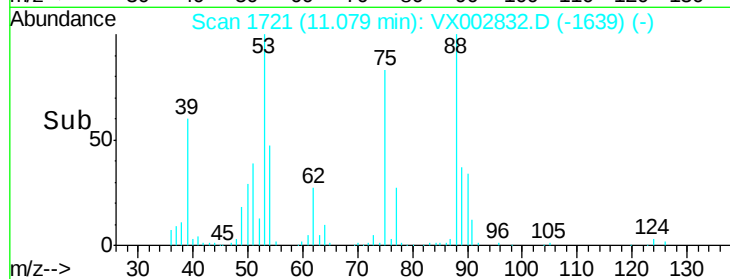
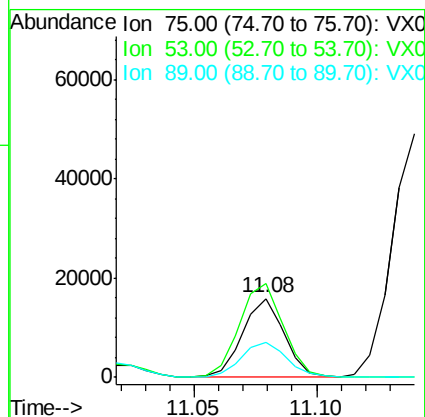
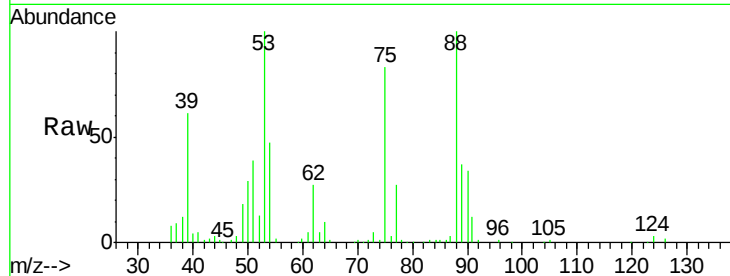
53 119.8 48.3 144.9

89 44.6 21.8 65.4

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.88 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002832.D

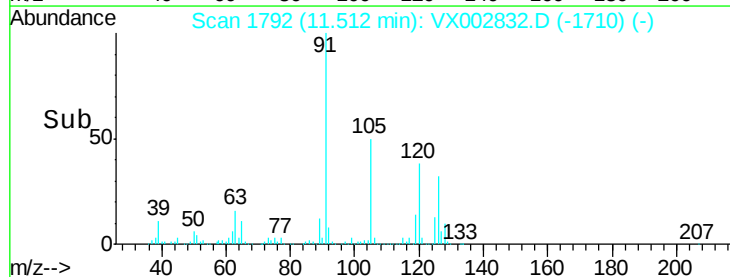
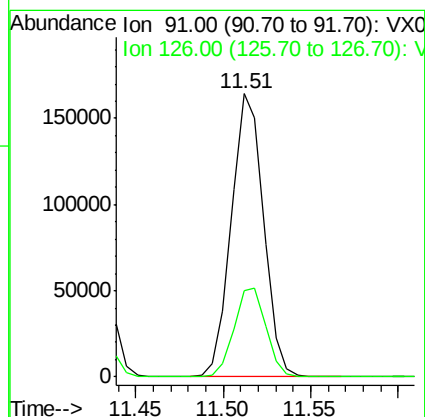
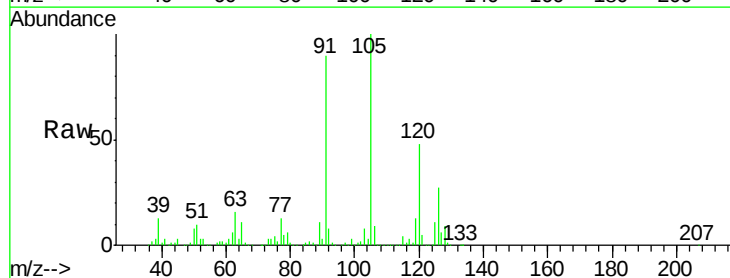
Acq: 22 Jun 2018 13:48

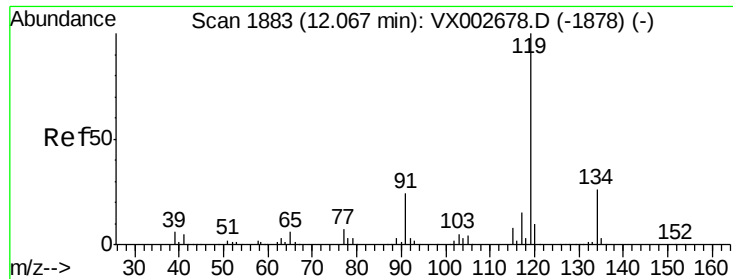
Tgt Ion: 91 Resp: 210852

Ion Ratio Lower Upper

91 100

126 30.9 0.0 61.0





#79

tert-butylbenzene

Concen: 18.88 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

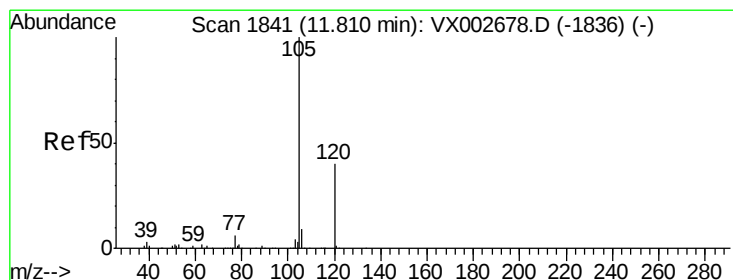
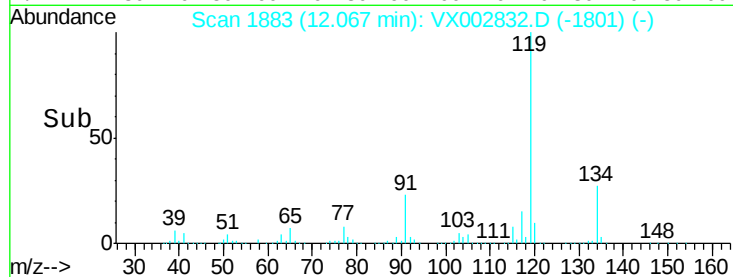
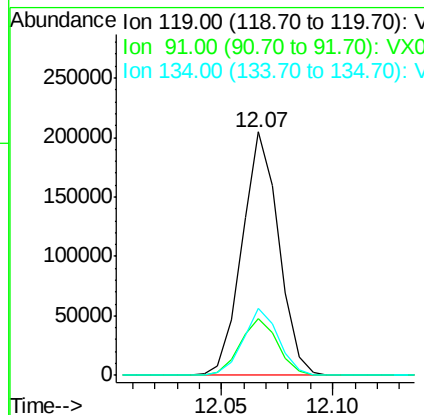
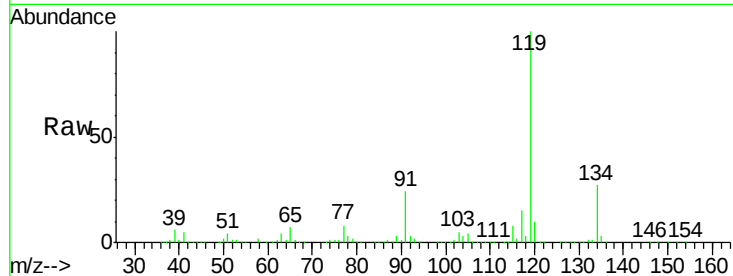
ClientSampled :

VX0622WBS01

Tot Ion:	119	Resp:	234292
Ion Ratio	Lower	Upper	
119	100		
91	23.9	0.0	48.0
134	26.9	0.0	52.6

Manual Integrations
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#80

1,2,4-Trimethylbenzene

Concen: 19.81 ug/l

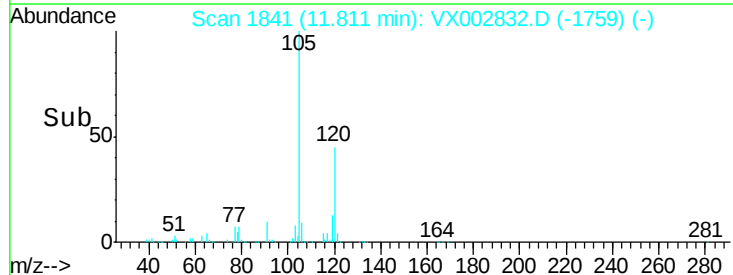
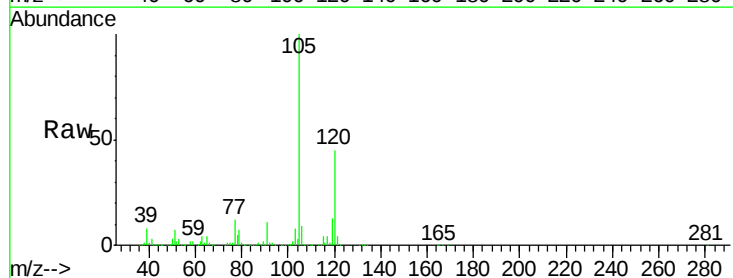
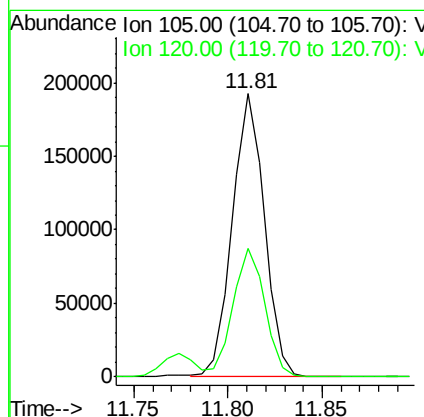
RT: 11.81 min Scan# 1841

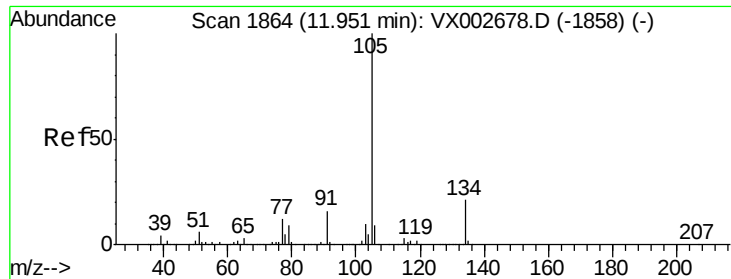
Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	105	Resp:	227618
Ion Ratio	Lower	Upper	
105	100		
120	45.4	0.0	89.2





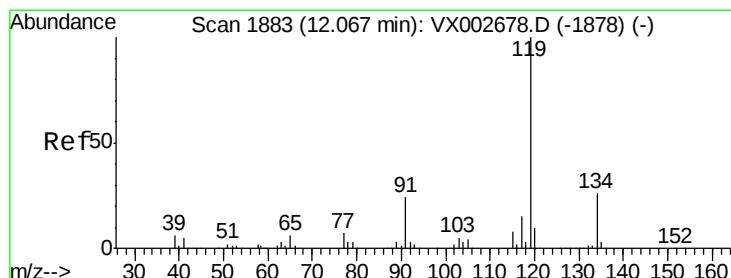
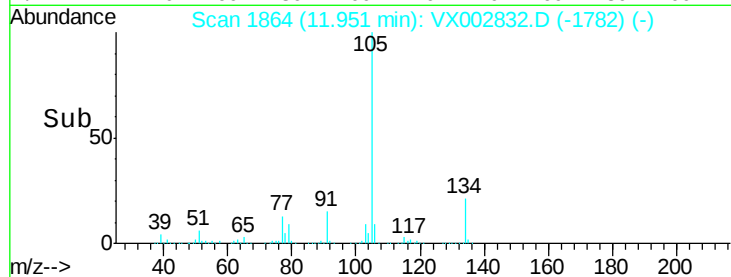
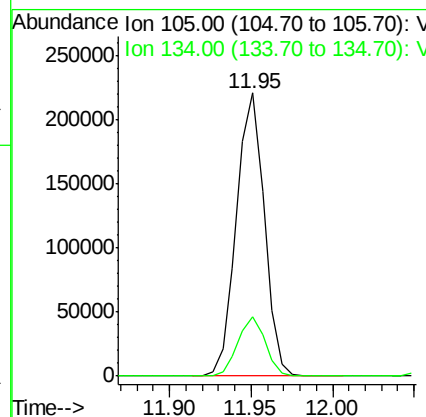
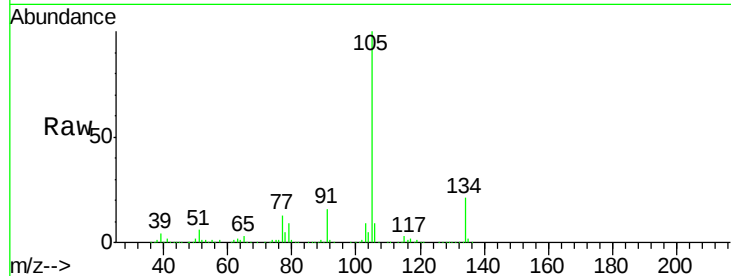
#81
 sec-Butylbenzene
 Concen: 19.15 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	263587		
134	20.8	0.0	41.6	

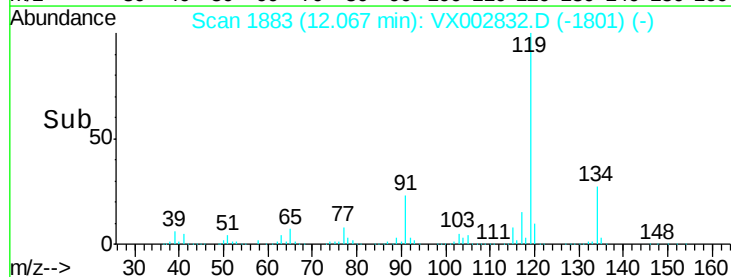
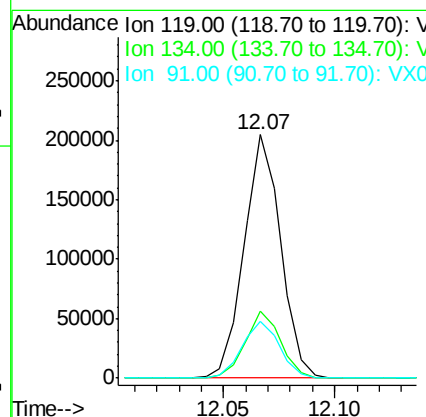
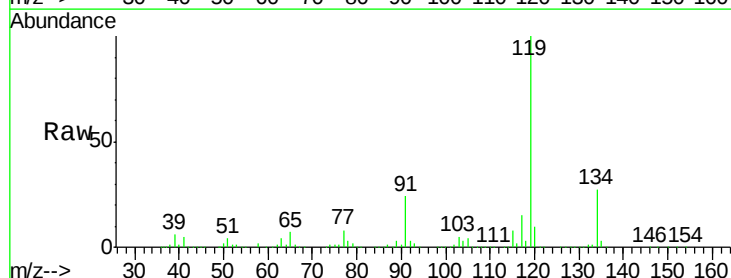
Manual Integrations
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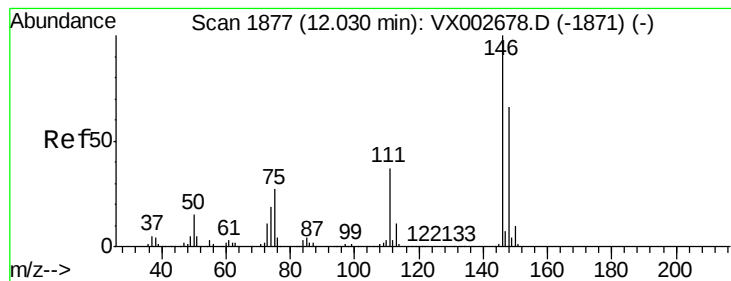
MMDadoda
 6/25/2018 6:56:05 PM



#82
 p-Isopropyltoluene
 Concen: 18.88 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	234292		
134	26.9	0.0	52.6	
91	23.9	0.0	48.0	





#83

1,3-Dichlorobenzene

Concen: 19.58 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

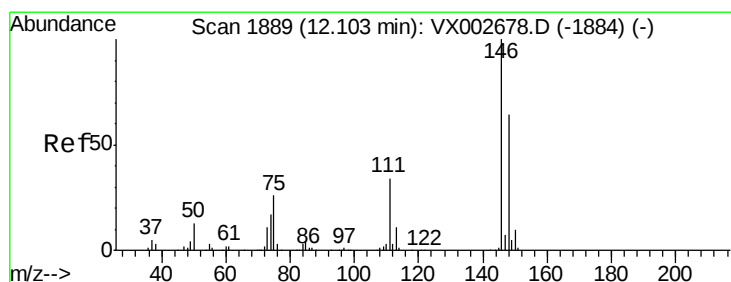
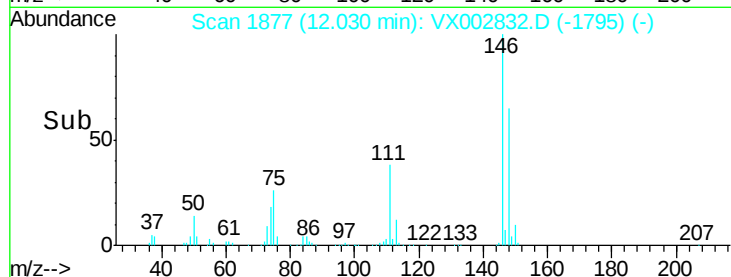
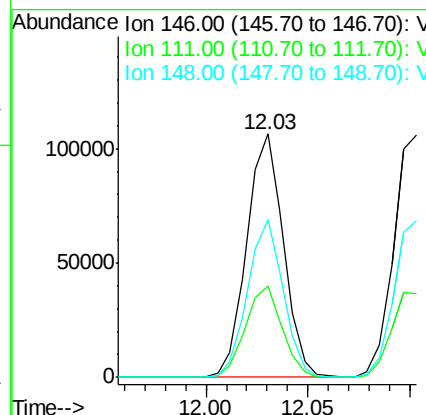
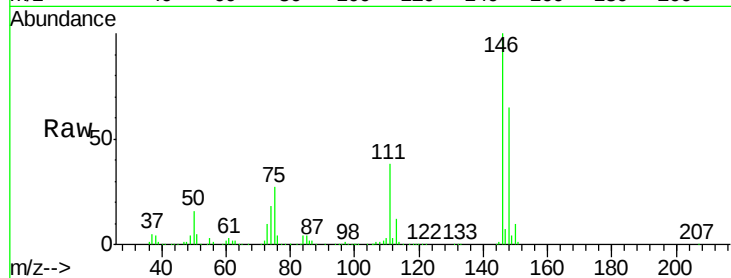
ClientSampled :

VX0622WBS01

Tot Ion:	146	Resp:	132761
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.1	57.5
148	63.3	31.9	95.7

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#84

1,4-Dichlorobenzene

Concen: 19.37 ug/l

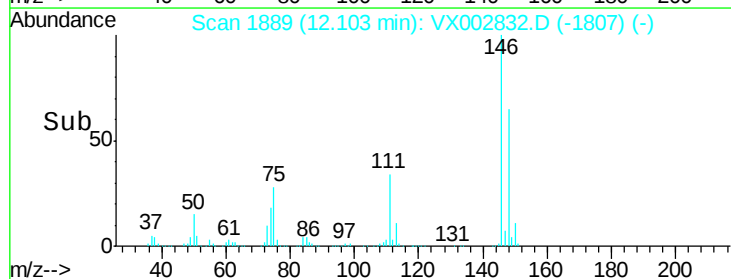
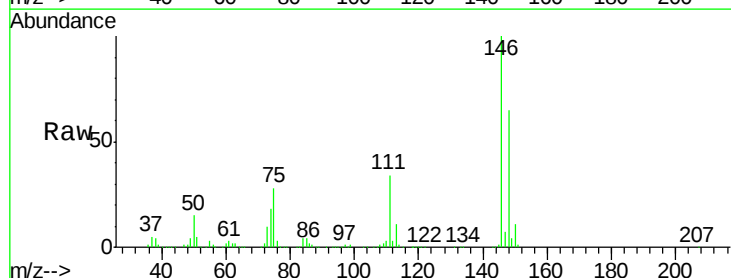
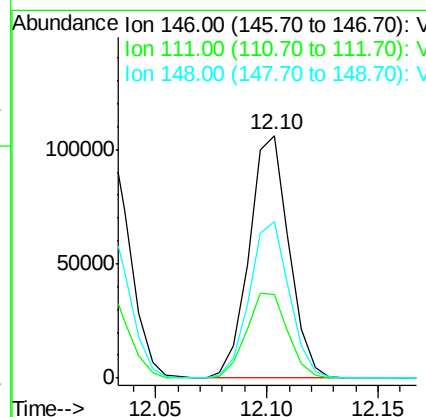
RT: 12.10 min Scan# 1889

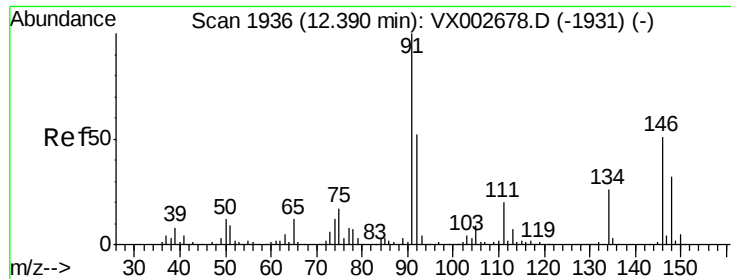
Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	146	Resp:	132683
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.5	55.5
148	64.6	32.0	96.0





#85

n-Butylbenzene

Concen: 18.13 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

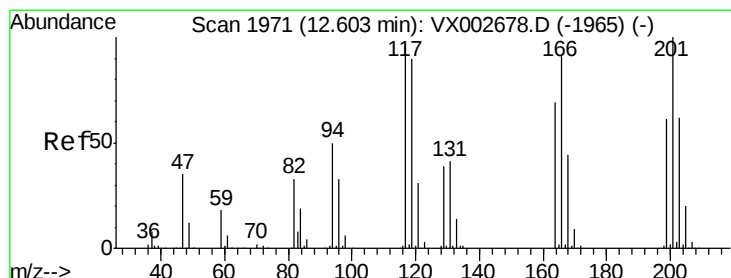
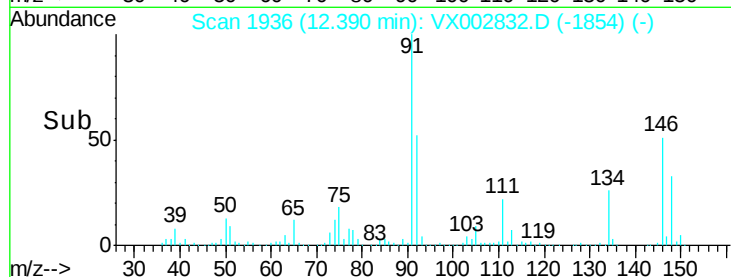
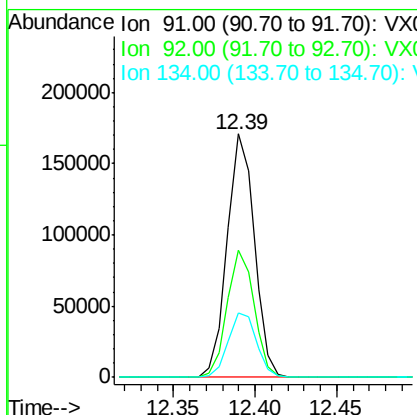
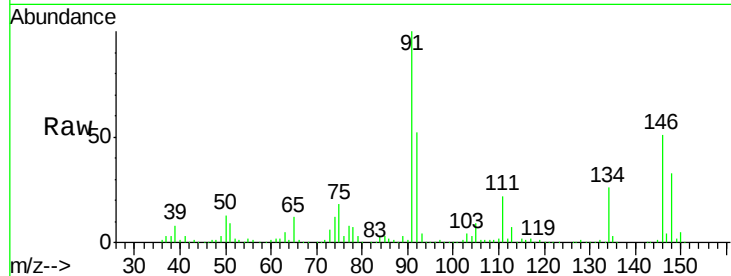
ClientSampleId :

VX0622WBS01

Tot Ion:	91	Resp:	199455
Ion Ratio	Lower	Upper	
91	100		
92	51.7	0.0	105.2
134	27.4	0.0	53.2

Manual Integrations
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#86

Hexachloroethane

Concen: 17.20 ug/l

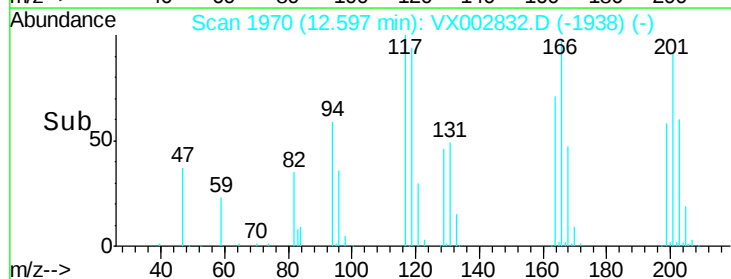
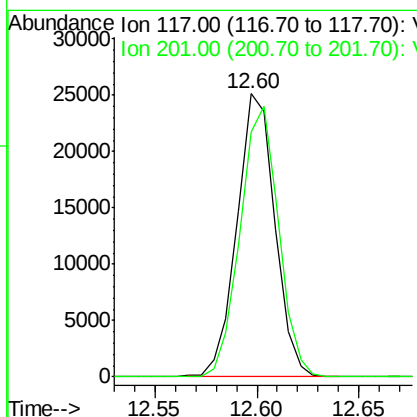
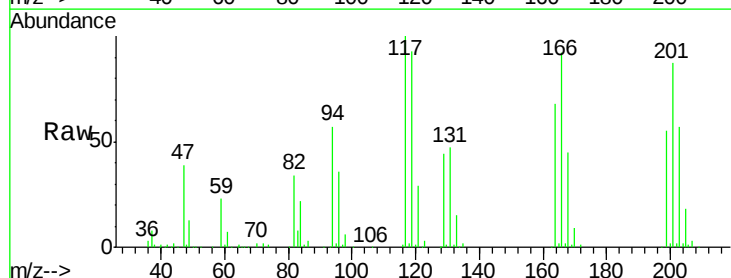
RT: 12.60 min Scan# 1970

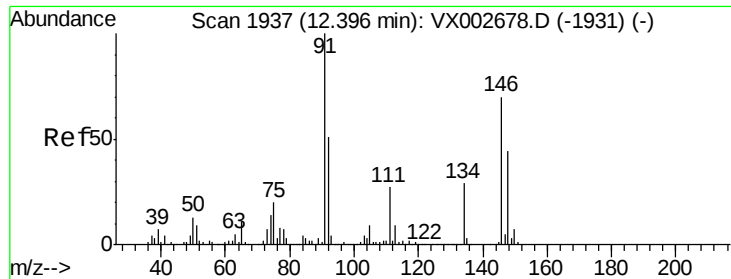
Delta R.T. -0.01 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	117	Resp:	32354
Ion Ratio	Lower	Upper	
117	100		
201	96.7	47.6	142.8





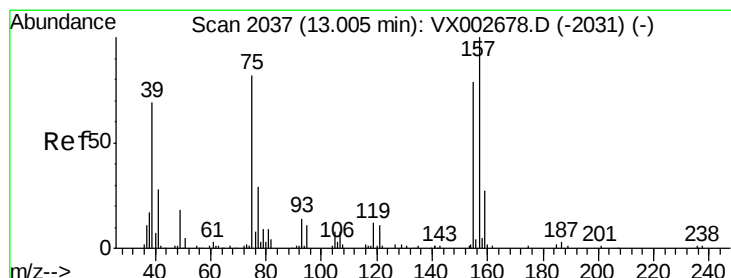
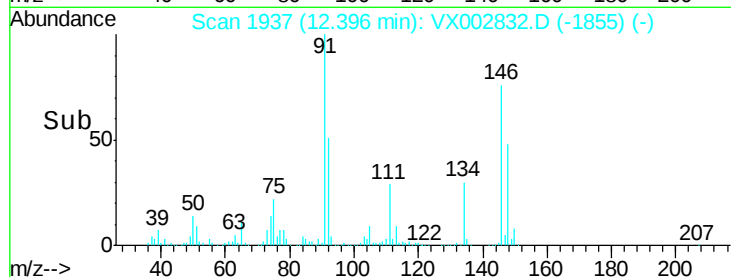
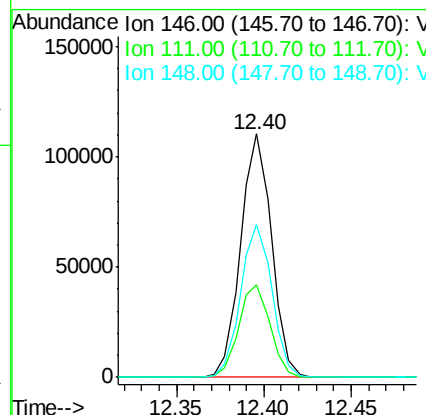
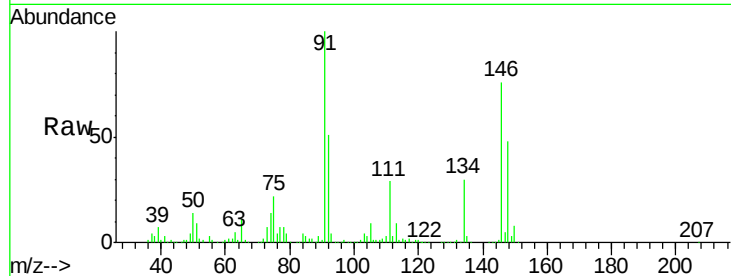
#87
 1,2-Dichlorobenzene
 Concen: 19.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	135584		
111	38.8	20.0	59.9	
148	63.5	32.8	98.3	

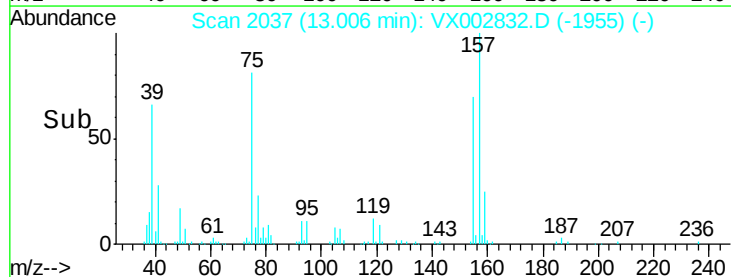
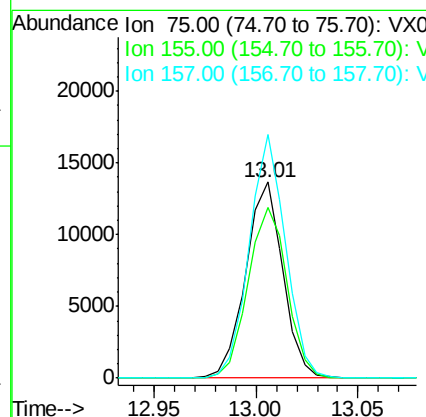
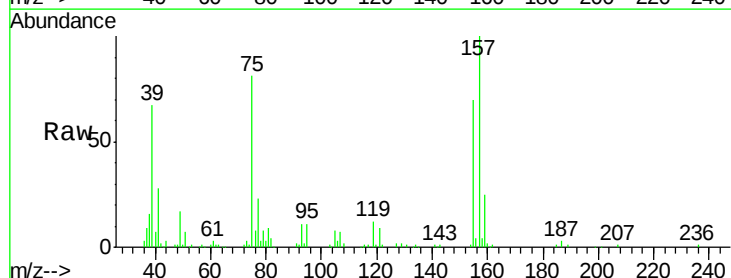
Manual Integrations
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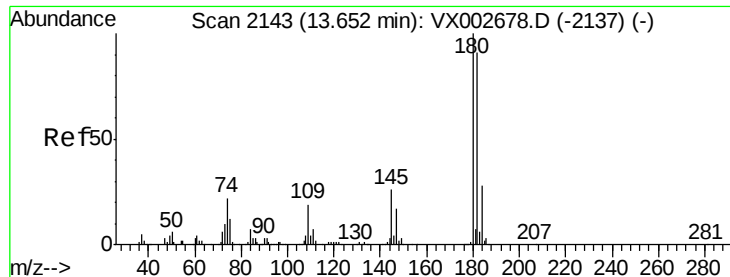
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.54 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002832.D
 Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17290		
155	91.1	73.1	109.7	
157	120.9	93.1	139.7	





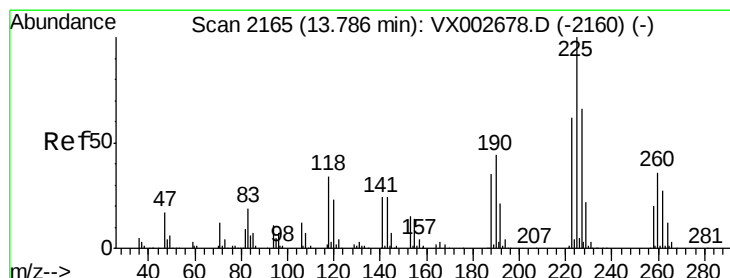
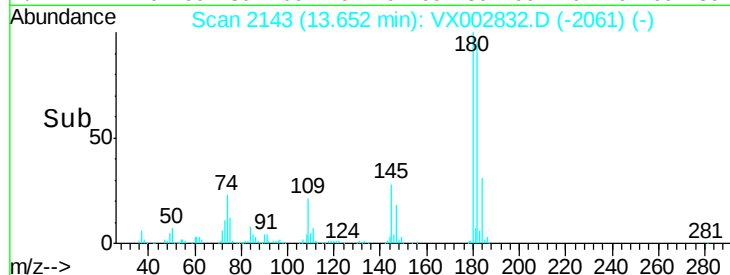
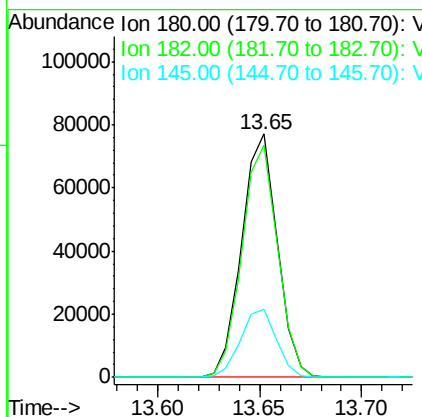
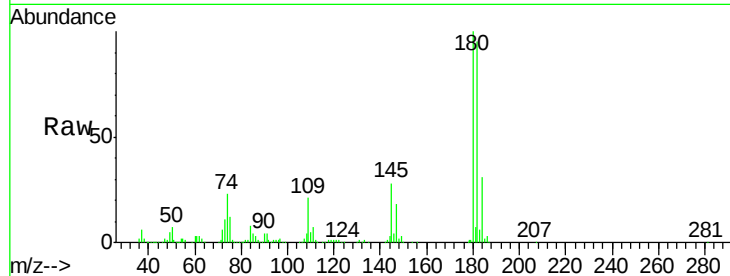
#89
1,2,4-Trichlorobenzene
Concen: 18.23 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	28.4	22.9	34.3

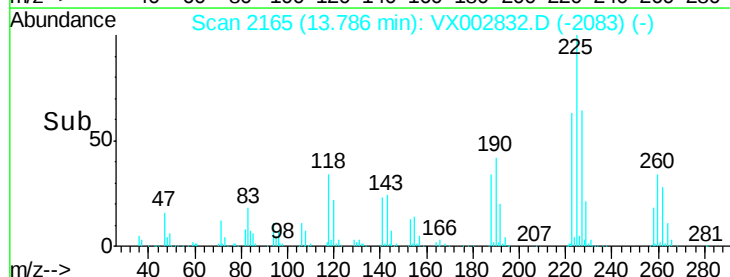
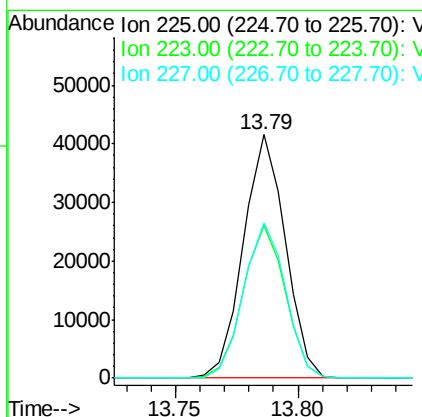
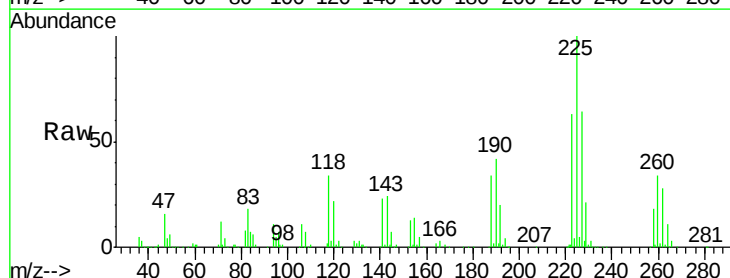
Manual Integrations
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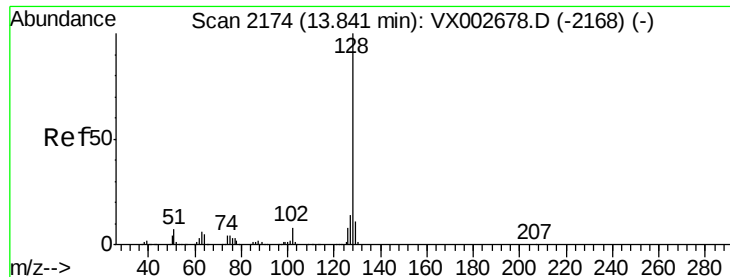
MMDadoda
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#90
Hexachlorobutadiene
Concen: 18.52 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002832.D
Acq: 22 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	122.4
227	63.8	0.0	128.0





#91

Naphthalene

Concen: 19.34 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Instrument :

MSVOA_X

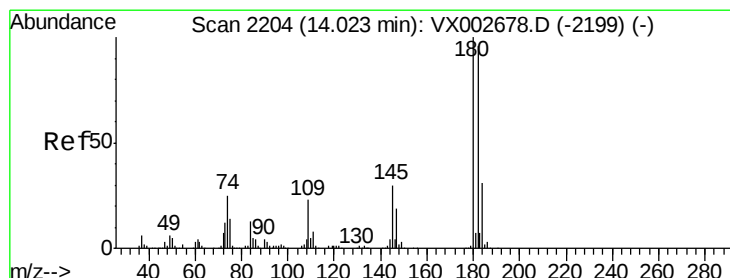
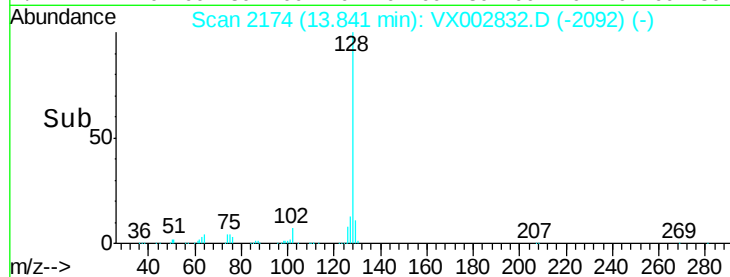
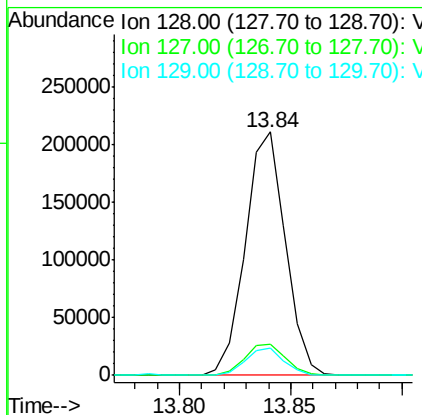
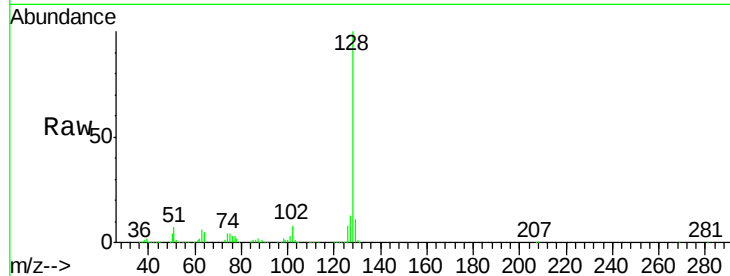
ClientSampleId :

VX0622WBS01

Tot Ion:	128	Resp:	264953
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.0	8.9	13.3

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.39 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002832.D

Acq: 22 Jun 2018 13:48

Tgt Ion:	180	Resp:	99747
Ion Ratio	Lower	Upper	
180	100		
182	96.2	0.0	191.0
145	29.2	0.0	60.6

